

## ANALYTICAL REPORT

Job Number: 280-147236-1

Job Description: Detrex

For:

Toeroek Associates, Inc  
300 Union Blvd  
Suite 520  
Lakewood, CO 80228  
Attention: Paul Kieler



Approved for release.  
Dylan T Bieniulis  
Project Manager I  
4/23/2021 10:00 AM

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Dylan T Bieniulis, Project Manager I  
4955 Yarrow Street, Arvada, CO, 80002  
(303)736-0138  
Dylan.Bieniulis@Eurofinset.com  
04/23/2021

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is 4025.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

**Eurofins TestAmerica, Denver**

4955 Yarrow Street, Arvada, CO 80002

Tel (303) 736-0100 Fax (303) 431-7171 [www.testamericainc.com](http://www.testamericainc.com)



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# Definitions/Glossary

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## CASE NARRATIVE

**Client: Toeroek Associates, Inc**

**Project: Detrex**

**Report Number: 280-147236-1**

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

### **RECEIPT**

The samples were received on 04/09/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.0 C.

### **VOLATILE ORGANIC COMPOUNDS (GC-MS)**

Samples F0069-TB02 (280-147236-1), F0069-EB02 (280-147236-2), F0069-GW-MW2 (280-147236-3), F0069-GW-MW10 (280-147236-4), F0069-GW-MW14 (280-147236-5), F0069-GW-MW14-DUP (280-147236-6), F0069-GW-MW7 (280-147236-7), F0069-GW-MW6 (280-147236-8), F0069-GW-MW4 (280-147236-9), F0069-GW-MW1 (280-147236-10) and F0069-GW-DW1 (280-147236-11) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 04/16/2021, 04/20/2021 and 04/22/2021.

Trichloroethene failed the recovery criteria low for the MSD of sample F0069-GW-MW7 (280-147236-7) in batch 280-533423. Refer to the QC report for details.

The presence of the '4' qualifier indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount. Refer to the QC report for details.

Samples F0069-GW-MW2 (280-147236-3)[20X], F0069-GW-MW14 (280-147236-5)[2000X], F0069-GW-MW14-DUP (280-147236-6)[2000X], F0069-GW-MW7 (280-147236-7)[2000X], F0069-GW-MW6 (280-147236-8)[1000X], F0069-GW-MW4 (280-147236-9)[200X], F0069-GW-MW1 (280-147236-10)[50X] and F0069-GW-DW1 (280-147236-11)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

# Detection Summary

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Client Sample ID: F0069-TB02

## Lab Sample ID: 280-147236-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.3	J	10	1.9	ug/L	1		8260B	Total/NA

## Client Sample ID: F0069-EB02

## Lab Sample ID: 280-147236-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.2	J	10	1.9	ug/L	1		8260B	Total/NA
Ethylbenzene	0.44	J	1.0	0.16	ug/L	1		8260B	Total/NA
m-Xylene & p-Xylene	0.18	J	2.0	0.15	ug/L	1		8260B	Total/NA
o-Xylene	0.19	J	1.0	0.19	ug/L	1		8260B	Total/NA

## Client Sample ID: F0069-GW-MW2

## Lab Sample ID: 280-147236-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	6.6	J	20	4.6	ug/L	20		8260B	Total/NA
cis-1,2-Dichloroethene	12	J	20	3.0	ug/L	20		8260B	Total/NA
Trichloroethene	1200		20	3.2	ug/L	20		8260B	Total/NA

## Client Sample ID: F0069-GW-MW10

## Lab Sample ID: 280-147236-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.56	J	1.0	0.15	ug/L	1		8260B	Total/NA
Trichloroethene	31		1.0	0.16	ug/L	1		8260B	Total/NA

## Client Sample ID: F0069-GW-MW14

## Lab Sample ID: 280-147236-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	460	J	2000	320	ug/L	2000		8260B	Total/NA
Chloroform	550	J	2000	320	ug/L	2000		8260B	Total/NA
cis-1,2-Dichloroethene	40000		2000	300	ug/L	2000		8260B	Total/NA
Trichloroethene	320000		2000	320	ug/L	2000		8260B	Total/NA
Vinyl chloride	1100	J	2000	200	ug/L	2000		8260B	Total/NA

## Client Sample ID: F0069-GW-MW14-DUP

## Lab Sample ID: 280-147236-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	37000		2000	300	ug/L	2000		8260B	Total/NA
Trichloroethene	300000		2000	320	ug/L	2000		8260B	Total/NA

## Client Sample ID: F0069-GW-MW7

## Lab Sample ID: 280-147236-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5500		2000	300	ug/L	2000		8260B	Total/NA
Tetrachloroethene	1800	J	2000	400	ug/L	2000		8260B	Total/NA
Trichloroethene	300000		2000	320	ug/L	2000		8260B	Total/NA

## Client Sample ID: F0069-GW-MW6

## Lab Sample ID: 280-147236-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2000		1000	150	ug/L	1000		8260B	Total/NA
Trichloroethene	120000		1000	160	ug/L	1000		8260B	Total/NA
1,2,3-Trichlorobenzene	510	J	1000	210	ug/L	1000		8260B	Total/NA
1,2,4-Trichlorobenzene	400	J	1000	210	ug/L	1000		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Client Sample ID: F0069-GW-MW4

## Lab Sample ID: 280-147236-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	110	J	200	46	ug/L	200		8260B	Total/NA
cis-1,2-Dichloroethene	3700		200	30	ug/L	200		8260B	Total/NA
Trichloroethene	32000		200	32	ug/L	200		8260B	Total/NA

## Client Sample ID: F0069-GW-MW1

## Lab Sample ID: 280-147236-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	430		50	7.5	ug/L	50		8260B	Total/NA
Trichloroethene	8900		50	8.0	ug/L	50		8260B	Total/NA

## Client Sample ID: F0069-GW-DW1

## Lab Sample ID: 280-147236-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.1		2.0	0.30	ug/L	2		8260B	Total/NA
Trichloroethene	230		2.0	0.32	ug/L	2		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-TB02**

**Lab Sample ID: 280-147236-1**

**Date Collected: 04/08/21 08:42**

**Matrix: Water**

**Date Received: 04/09/21 07:33**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			04/16/21 10:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/16/21 10:33	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			04/16/21 10:33	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			04/16/21 10:33	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			04/16/21 10:33	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			04/16/21 10:33	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			04/16/21 10:33	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			04/16/21 10:33	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			04/16/21 10:33	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			04/16/21 10:33	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			04/16/21 10:33	1
1,4-Dioxane	ND		200	19	ug/L			04/16/21 10:33	1
2-Hexanone	ND		5.0	1.7	ug/L			04/16/21 10:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			04/16/21 10:33	1
<b>Acetone</b>	<b>2.3</b>	<b>J</b>	10	1.9	ug/L			04/16/21 10:33	1
Benzene	ND		1.0	0.16	ug/L			04/16/21 10:33	1
Bromoform	ND		1.0	0.46	ug/L			04/16/21 10:33	1
Bromomethane	ND		2.0	0.21	ug/L			04/16/21 10:33	1
Carbon disulfide	ND		2.0	0.17	ug/L			04/16/21 10:33	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			04/16/21 10:33	1
Chlorobenzene	ND		1.0	0.17	ug/L			04/16/21 10:33	1
Chlorobromomethane	ND		1.0	0.10	ug/L			04/16/21 10:33	1
Chlorodibromomethane	ND		1.0	0.17	ug/L			04/16/21 10:33	1
Chloroethane	ND		2.0	0.41	ug/L			04/16/21 10:33	1
Chloroform	ND		1.0	0.16	ug/L			04/16/21 10:33	1
Chloromethane	ND		2.0	0.30	ug/L			04/16/21 10:33	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			04/16/21 10:33	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			04/16/21 10:33	1
Dichlorobromomethane	ND		1.0	0.17	ug/L			04/16/21 10:33	1
Dichlorodifluoromethane	ND		2.0	0.31	ug/L			04/16/21 10:33	1
Ethylbenzene	ND		1.0	0.16	ug/L			04/16/21 10:33	1
Isopropylbenzene	ND		1.0	0.19	ug/L			04/16/21 10:33	1
Methylene Chloride	ND		2.0	0.94	ug/L			04/16/21 10:33	1
m-Xylene & p-Xylene	ND		2.0	0.15	ug/L			04/16/21 10:33	1
o-Xylene	ND		1.0	0.19	ug/L			04/16/21 10:33	1
Styrene	ND		1.0	0.36	ug/L			04/16/21 10:33	1
Tetrachloroethene	ND		1.0	0.20	ug/L			04/16/21 10:33	1
Toluene	ND		1.0	0.17	ug/L			04/16/21 10:33	1
trans-1,2-Dichloroethene	ND		1.0	0.15	ug/L			04/16/21 10:33	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			04/16/21 10:33	1
Trichloroethene	ND		1.0	0.16	ug/L			04/16/21 10:33	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			04/16/21 10:33	1
Vinyl chloride	ND		1.0	0.10	ug/L			04/16/21 10:33	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			04/16/21 10:33	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			04/16/21 10:33	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			04/16/21 10:33	1
1,1,2-Trichlorotrifluoroethane	ND		3.0	0.18	ug/L			04/16/21 10:33	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			04/16/21 10:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			04/16/21 10:33	1

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-TB02**

**Lab Sample ID: 280-147236-1**

**Date Collected: 04/08/21 08:42**

**Matrix: Water**

**Date Received: 04/09/21 07:33**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		2.0	0.28	ug/L			04/16/21 10:33	1
Methyl acetate	ND		5.0	1.6	ug/L			04/16/21 10:33	1
Methylcyclohexane	ND		1.0	0.10	ug/L			04/16/21 10:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 127		04/16/21 10:33	1
4-Bromofluorobenzene (Surr)	103		78 - 120		04/16/21 10:33	1
Toluene-d8 (Surr)	96		80 - 125		04/16/21 10:33	1
Dibromofluoromethane (Surr)	103		77 - 120		04/16/21 10:33	1

**Client Sample ID: F0069-EB02**

**Lab Sample ID: 280-147236-2**

**Date Collected: 04/08/21 08:59**

**Matrix: Water**

**Date Received: 04/09/21 07:33**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			04/16/21 10:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/16/21 10:56	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			04/16/21 10:56	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			04/16/21 10:56	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			04/16/21 10:56	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			04/16/21 10:56	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			04/16/21 10:56	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			04/16/21 10:56	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			04/16/21 10:56	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			04/16/21 10:56	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			04/16/21 10:56	1
1,4-Dioxane	ND		200	19	ug/L			04/16/21 10:56	1
2-Hexanone	ND		5.0	1.7	ug/L			04/16/21 10:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			04/16/21 10:56	1
<b>Acetone</b>	<b>4.2</b>	<b>J</b>	10	1.9	ug/L			04/16/21 10:56	1
Benzene	ND		1.0	0.16	ug/L			04/16/21 10:56	1
Bromoform	ND		1.0	0.46	ug/L			04/16/21 10:56	1
Bromomethane	ND		2.0	0.21	ug/L			04/16/21 10:56	1
Carbon disulfide	ND		2.0	0.17	ug/L			04/16/21 10:56	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			04/16/21 10:56	1
Chlorobenzene	ND		1.0	0.17	ug/L			04/16/21 10:56	1
Chlorobromomethane	ND		1.0	0.10	ug/L			04/16/21 10:56	1
Chlorodibromomethane	ND		1.0	0.17	ug/L			04/16/21 10:56	1
Chloroethane	ND		2.0	0.41	ug/L			04/16/21 10:56	1
Chloroform	ND		1.0	0.16	ug/L			04/16/21 10:56	1
Chloromethane	ND		2.0	0.30	ug/L			04/16/21 10:56	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			04/16/21 10:56	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			04/16/21 10:56	1
Dichlorobromomethane	ND		1.0	0.17	ug/L			04/16/21 10:56	1
Dichlorodifluoromethane	ND		2.0	0.31	ug/L			04/16/21 10:56	1
<b>Ethylbenzene</b>	<b>0.44</b>	<b>J</b>	1.0	0.16	ug/L			04/16/21 10:56	1
Isopropylbenzene	ND		1.0	0.19	ug/L			04/16/21 10:56	1
Methylene Chloride	ND		2.0	0.94	ug/L			04/16/21 10:56	1
<b>m-Xylene &amp; p-Xylene</b>	<b>0.18</b>	<b>J</b>	2.0	0.15	ug/L			04/16/21 10:56	1

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-EB02**

**Lab Sample ID: 280-147236-2**

**Date Collected: 04/08/21 08:59**

**Matrix: Water**

**Date Received: 04/09/21 07:33**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>o-Xylene</b>	<b>0.19</b>	<b>J</b>	1.0	0.19	ug/L			04/16/21 10:56	1
Styrene	ND		1.0	0.36	ug/L			04/16/21 10:56	1
Tetrachloroethene	ND		1.0	0.20	ug/L			04/16/21 10:56	1
Toluene	ND		1.0	0.17	ug/L			04/16/21 10:56	1
trans-1,2-Dichloroethene	ND		1.0	0.15	ug/L			04/16/21 10:56	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			04/16/21 10:56	1
Trichloroethene	ND		1.0	0.16	ug/L			04/16/21 10:56	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			04/16/21 10:56	1
Vinyl chloride	ND		1.0	0.10	ug/L			04/16/21 10:56	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			04/16/21 10:56	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			04/16/21 10:56	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			04/16/21 10:56	1
1,1,2-Trichlorotrifluoroethane	ND		3.0	0.18	ug/L			04/16/21 10:56	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			04/16/21 10:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			04/16/21 10:56	1
Cyclohexane	ND		2.0	0.28	ug/L			04/16/21 10:56	1
Methyl acetate	ND		5.0	1.6	ug/L			04/16/21 10:56	1
Methylcyclohexane	ND		1.0	0.10	ug/L			04/16/21 10:56	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	107		70 - 127					04/16/21 10:56	1
4-Bromofluorobenzene (Surr)	103		78 - 120					04/16/21 10:56	1
Toluene-d8 (Surr)	97		80 - 125					04/16/21 10:56	1
Dibromofluoromethane (Surr)	104		77 - 120					04/16/21 10:56	1

**Client Sample ID: F0069-GW-MW2**

**Lab Sample ID: 280-147236-3**

**Date Collected: 04/08/21 09:40**

**Matrix: Water**

**Date Received: 04/09/21 07:33**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	3.2	ug/L			04/20/21 17:44	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			04/20/21 17:44	20
1,1,2-Trichloroethane	ND		20	5.4	ug/L			04/20/21 17:44	20
1,1-Dichloroethane	ND		20	4.4	ug/L			04/20/21 17:44	20
<b>1,1-Dichloroethene</b>	<b>6.6</b>	<b>J</b>	20	4.6	ug/L			04/20/21 17:44	20
1,2-Dibromo-3-Chloropropane	ND		100	9.4	ug/L			04/20/21 17:44	20
1,2-Dichlorobenzene	ND		20	3.0	ug/L			04/20/21 17:44	20
1,2-Dichloroethane	ND		20	2.6	ug/L			04/20/21 17:44	20
1,2-Dichloropropane	ND		20	3.6	ug/L			04/20/21 17:44	20
1,3-Dichlorobenzene	ND		20	2.6	ug/L			04/20/21 17:44	20
1,4-Dichlorobenzene	ND		20	3.2	ug/L			04/20/21 17:44	20
1,4-Dioxane	ND		4000	390	ug/L			04/20/21 17:44	20
2-Hexanone	ND		100	34	ug/L			04/20/21 17:44	20
4-Methyl-2-pentanone (MIBK)	ND		100	20	ug/L			04/20/21 17:44	20
Acetone	ND		200	38	ug/L			04/20/21 17:44	20
Benzene	ND		20	3.2	ug/L			04/20/21 17:44	20
Bromoform	ND		20	9.2	ug/L			04/20/21 17:44	20
Bromomethane	ND		40	4.2	ug/L			04/20/21 17:44	20
Carbon disulfide	ND		40	3.3	ug/L			04/20/21 17:44	20

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-GW-MW2**

**Lab Sample ID: 280-147236-3**

Date Collected: 04/08/21 09:40

Matrix: Water

Date Received: 04/09/21 07:33

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		20	3.8	ug/L			04/20/21 17:44	20
Chlorobenzene	ND		20	3.4	ug/L			04/20/21 17:44	20
Chlorobromomethane	ND		20	2.0	ug/L			04/20/21 17:44	20
Chlorodibromomethane	ND		20	3.4	ug/L			04/20/21 17:44	20
Chloroethane	ND		40	8.2	ug/L			04/20/21 17:44	20
Chloroform	ND		20	3.2	ug/L			04/20/21 17:44	20
Chloromethane	ND		40	6.0	ug/L			04/20/21 17:44	20
<b>cis-1,2-Dichloroethene</b>	<b>12</b>	<b>J</b>	20	3.0	ug/L			04/20/21 17:44	20
cis-1,3-Dichloropropene	ND		20	3.2	ug/L			04/20/21 17:44	20
Dichlorobromomethane	ND		20	3.4	ug/L			04/20/21 17:44	20
Dichlorodifluoromethane	ND		40	6.2	ug/L			04/20/21 17:44	20
Ethylbenzene	ND		20	3.2	ug/L			04/20/21 17:44	20
Isopropylbenzene	ND		20	3.8	ug/L			04/20/21 17:44	20
Methylene Chloride	ND		40	19	ug/L			04/20/21 17:44	20
m-Xylene & p-Xylene	ND		40	3.1	ug/L			04/20/21 17:44	20
o-Xylene	ND		20	3.8	ug/L			04/20/21 17:44	20
Styrene	ND		20	7.1	ug/L			04/20/21 17:44	20
Tetrachloroethene	ND		20	4.0	ug/L			04/20/21 17:44	20
Toluene	ND		20	3.4	ug/L			04/20/21 17:44	20
trans-1,2-Dichloroethene	ND		20	3.0	ug/L			04/20/21 17:44	20
trans-1,3-Dichloropropene	ND		60	3.8	ug/L			04/20/21 17:44	20
<b>Trichloroethene</b>	<b>1200</b>		20	3.2	ug/L			04/20/21 17:44	20
Trichlorofluoromethane	ND		40	5.8	ug/L			04/20/21 17:44	20
Vinyl chloride	ND		20	2.0	ug/L			04/20/21 17:44	20
2-Butanone (MEK)	ND		120	40	ug/L			04/20/21 17:44	20
1,2-Dibromoethane	ND		20	3.6	ug/L			04/20/21 17:44	20
Methyl tert-butyl ether	ND		100	5.0	ug/L			04/20/21 17:44	20
1,1,2-Trichlorotrifluoroethane	ND		60	3.6	ug/L			04/20/21 17:44	20
1,2,3-Trichlorobenzene	ND		20	4.2	ug/L			04/20/21 17:44	20
1,2,4-Trichlorobenzene	ND		20	4.2	ug/L			04/20/21 17:44	20
Cyclohexane	ND		40	5.6	ug/L			04/20/21 17:44	20
Methyl acetate	ND		100	33	ug/L			04/20/21 17:44	20
Methylcyclohexane	ND		20	2.0	ug/L			04/20/21 17:44	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 127		04/20/21 17:44	20
4-Bromofluorobenzene (Surr)	97		78 - 120		04/20/21 17:44	20
Toluene-d8 (Surr)	86		80 - 125		04/20/21 17:44	20
Dibromofluoromethane (Surr)	112		77 - 120		04/20/21 17:44	20

**Client Sample ID: F0069-GW-MW10**

**Lab Sample ID: 280-147236-4**

Date Collected: 04/08/21 09:50

Matrix: Water

Date Received: 04/09/21 07:33

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			04/22/21 04:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/22/21 04:15	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			04/22/21 04:15	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			04/22/21 04:15	1

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-GW-MW10**

**Lab Sample ID: 280-147236-4**

**Date Collected: 04/08/21 09:50**

**Matrix: Water**

**Date Received: 04/09/21 07:33**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.23	ug/L			04/22/21 04:15	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			04/22/21 04:15	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			04/22/21 04:15	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			04/22/21 04:15	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			04/22/21 04:15	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			04/22/21 04:15	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			04/22/21 04:15	1
1,4-Dioxane	ND		200	19	ug/L			04/22/21 04:15	1
2-Hexanone	ND		5.0	1.7	ug/L			04/22/21 04:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			04/22/21 04:15	1
Acetone	ND		10	1.9	ug/L			04/22/21 04:15	1
Benzene	ND		1.0	0.16	ug/L			04/22/21 04:15	1
Bromoform	ND		1.0	0.46	ug/L			04/22/21 04:15	1
Bromomethane	ND		2.0	0.21	ug/L			04/22/21 04:15	1
Carbon disulfide	ND		2.0	0.17	ug/L			04/22/21 04:15	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			04/22/21 04:15	1
Chlorobenzene	ND		1.0	0.17	ug/L			04/22/21 04:15	1
Chlorobromomethane	ND		1.0	0.10	ug/L			04/22/21 04:15	1
Chlorodibromomethane	ND		1.0	0.17	ug/L			04/22/21 04:15	1
Chloroethane	ND		2.0	0.41	ug/L			04/22/21 04:15	1
Chloroform	ND		1.0	0.16	ug/L			04/22/21 04:15	1
Chloromethane	ND		2.0	0.30	ug/L			04/22/21 04:15	1
<b>cis-1,2-Dichloroethene</b>	<b>0.56</b>	<b>J</b>	1.0	0.15	ug/L			04/22/21 04:15	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			04/22/21 04:15	1
Dichlorobromomethane	ND		1.0	0.17	ug/L			04/22/21 04:15	1
Dichlorodifluoromethane	ND		2.0	0.31	ug/L			04/22/21 04:15	1
Ethylbenzene	ND		1.0	0.16	ug/L			04/22/21 04:15	1
Isopropylbenzene	ND		1.0	0.19	ug/L			04/22/21 04:15	1
Methylene Chloride	ND		2.0	0.94	ug/L			04/22/21 04:15	1
m-Xylene & p-Xylene	ND		2.0	0.15	ug/L			04/22/21 04:15	1
o-Xylene	ND		1.0	0.19	ug/L			04/22/21 04:15	1
Styrene	ND		1.0	0.36	ug/L			04/22/21 04:15	1
Tetrachloroethene	ND		1.0	0.20	ug/L			04/22/21 04:15	1
Toluene	ND		1.0	0.17	ug/L			04/22/21 04:15	1
trans-1,2-Dichloroethene	ND		1.0	0.15	ug/L			04/22/21 04:15	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			04/22/21 04:15	1
<b>Trichloroethene</b>	<b>31</b>		1.0	0.16	ug/L			04/22/21 04:15	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			04/22/21 04:15	1
Vinyl chloride	ND		1.0	0.10	ug/L			04/22/21 04:15	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			04/22/21 04:15	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			04/22/21 04:15	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			04/22/21 04:15	1
1,1,2-Trichlorotrifluoroethane	ND		3.0	0.18	ug/L			04/22/21 04:15	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			04/22/21 04:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			04/22/21 04:15	1
Cyclohexane	ND		2.0	0.28	ug/L			04/22/21 04:15	1
Methyl acetate	ND		5.0	1.6	ug/L			04/22/21 04:15	1
Methylcyclohexane	ND		1.0	0.10	ug/L			04/22/21 04:15	1

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-GW-MW10**

**Lab Sample ID: 280-147236-4**

**Date Collected: 04/08/21 09:50**

**Matrix: Water**

**Date Received: 04/09/21 07:33**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 127		04/22/21 04:15	1
4-Bromofluorobenzene (Surr)	99		78 - 120		04/22/21 04:15	1
Toluene-d8 (Surr)	99		80 - 125		04/22/21 04:15	1
Dibromofluoromethane (Surr)	100		77 - 120		04/22/21 04:15	1

**Client Sample ID: F0069-GW-MW14**

**Lab Sample ID: 280-147236-5**

**Date Collected: 04/08/21 11:10**

**Matrix: Water**

**Date Received: 04/09/21 07:33**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2000	320	ug/L			04/22/21 04:38	2000
1,1,2,2-Tetrachloroethane	ND		2000	420	ug/L			04/22/21 04:38	2000
1,1,2-Trichloroethane	ND		2000	540	ug/L			04/22/21 04:38	2000
1,1-Dichloroethane	ND		2000	440	ug/L			04/22/21 04:38	2000
1,1-Dichloroethene	ND		2000	460	ug/L			04/22/21 04:38	2000
1,2-Dibromo-3-Chloropropane	ND		10000	940	ug/L			04/22/21 04:38	2000
1,2-Dichlorobenzene	ND		2000	300	ug/L			04/22/21 04:38	2000
1,2-Dichloroethane	ND		2000	260	ug/L			04/22/21 04:38	2000
1,2-Dichloropropane	ND		2000	360	ug/L			04/22/21 04:38	2000
1,3-Dichlorobenzene	ND		2000	260	ug/L			04/22/21 04:38	2000
1,4-Dichlorobenzene	ND		2000	320	ug/L			04/22/21 04:38	2000
1,4-Dioxane	ND		400000	39000	ug/L			04/22/21 04:38	2000
2-Hexanone	ND		10000	3400	ug/L			04/22/21 04:38	2000
4-Methyl-2-pentanone (MIBK)	ND		10000	2000	ug/L			04/22/21 04:38	2000
Acetone	ND		20000	3800	ug/L			04/22/21 04:38	2000
<b>Benzene</b>	<b>460</b>	<b>J</b>	2000	320	ug/L			04/22/21 04:38	2000
Bromoform	ND		2000	920	ug/L			04/22/21 04:38	2000
Bromomethane	ND		4000	420	ug/L			04/22/21 04:38	2000
Carbon disulfide	ND		4000	330	ug/L			04/22/21 04:38	2000
Carbon tetrachloride	ND		2000	380	ug/L			04/22/21 04:38	2000
Chlorobenzene	ND		2000	340	ug/L			04/22/21 04:38	2000
Chlorobromomethane	ND		2000	200	ug/L			04/22/21 04:38	2000
Chlorodibromomethane	ND		2000	340	ug/L			04/22/21 04:38	2000
Chloroethane	ND		4000	820	ug/L			04/22/21 04:38	2000
<b>Chloroform</b>	<b>550</b>	<b>J</b>	2000	320	ug/L			04/22/21 04:38	2000
Chloromethane	ND		4000	600	ug/L			04/22/21 04:38	2000
<b>cis-1,2-Dichloroethene</b>	<b>40000</b>		2000	300	ug/L			04/22/21 04:38	2000
cis-1,3-Dichloropropene	ND		2000	320	ug/L			04/22/21 04:38	2000
Dichlorobromomethane	ND		2000	340	ug/L			04/22/21 04:38	2000
Dichlorodifluoromethane	ND		4000	620	ug/L			04/22/21 04:38	2000
Ethylbenzene	ND		2000	320	ug/L			04/22/21 04:38	2000
Isopropylbenzene	ND		2000	380	ug/L			04/22/21 04:38	2000
Methylene Chloride	ND		4000	1900	ug/L			04/22/21 04:38	2000
m-Xylene & p-Xylene	ND		4000	310	ug/L			04/22/21 04:38	2000
o-Xylene	ND		2000	380	ug/L			04/22/21 04:38	2000
Styrene	ND		2000	710	ug/L			04/22/21 04:38	2000
Tetrachloroethene	ND		2000	400	ug/L			04/22/21 04:38	2000
Toluene	ND		2000	340	ug/L			04/22/21 04:38	2000
trans-1,2-Dichloroethene	ND		2000	300	ug/L			04/22/21 04:38	2000

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-GW-MW14**

**Lab Sample ID: 280-147236-5**

**Date Collected: 04/08/21 11:10**

**Matrix: Water**

**Date Received: 04/09/21 07:33**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		6000	380	ug/L			04/22/21 04:38	2000
<b>Trichloroethene</b>	<b>320000</b>		2000	320	ug/L			04/22/21 04:38	2000
Trichlorofluoromethane	ND		4000	580	ug/L			04/22/21 04:38	2000
<b>Vinyl chloride</b>	<b>1100</b>	<b>J</b>	2000	200	ug/L			04/22/21 04:38	2000
2-Butanone (MEK)	ND		12000	4000	ug/L			04/22/21 04:38	2000
1,2-Dibromoethane	ND		2000	360	ug/L			04/22/21 04:38	2000
Methyl tert-butyl ether	ND		10000	500	ug/L			04/22/21 04:38	2000
1,1,2-Trichlorotrifluoroethane	ND		6000	360	ug/L			04/22/21 04:38	2000
1,2,3-Trichlorobenzene	ND		2000	420	ug/L			04/22/21 04:38	2000
1,2,4-Trichlorobenzene	ND		2000	420	ug/L			04/22/21 04:38	2000
Cyclohexane	ND		4000	560	ug/L			04/22/21 04:38	2000
Methyl acetate	ND		10000	3300	ug/L			04/22/21 04:38	2000
Methylcyclohexane	ND		2000	200	ug/L			04/22/21 04:38	2000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 127		04/22/21 04:38	2000
4-Bromofluorobenzene (Surr)	96		78 - 120		04/22/21 04:38	2000
Toluene-d8 (Surr)	99		80 - 125		04/22/21 04:38	2000
Dibromofluoromethane (Surr)	99		77 - 120		04/22/21 04:38	2000

**Client Sample ID: F0069-GW-MW14-DUP**

**Lab Sample ID: 280-147236-6**

**Date Collected: 04/08/21 11:10**

**Matrix: Water**

**Date Received: 04/09/21 07:33**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2000	320	ug/L			04/22/21 05:01	2000
1,1,2,2-Tetrachloroethane	ND		2000	420	ug/L			04/22/21 05:01	2000
1,1,2-Trichloroethane	ND		2000	540	ug/L			04/22/21 05:01	2000
1,1-Dichloroethane	ND		2000	440	ug/L			04/22/21 05:01	2000
1,1-Dichloroethene	ND		2000	460	ug/L			04/22/21 05:01	2000
1,2-Dibromo-3-Chloropropane	ND		10000	940	ug/L			04/22/21 05:01	2000
1,2-Dichlorobenzene	ND		2000	300	ug/L			04/22/21 05:01	2000
1,2-Dichloroethane	ND		2000	260	ug/L			04/22/21 05:01	2000
1,2-Dichloropropane	ND		2000	360	ug/L			04/22/21 05:01	2000
1,3-Dichlorobenzene	ND		2000	260	ug/L			04/22/21 05:01	2000
1,4-Dichlorobenzene	ND		2000	320	ug/L			04/22/21 05:01	2000
1,4-Dioxane	ND		400000	39000	ug/L			04/22/21 05:01	2000
2-Hexanone	ND		10000	3400	ug/L			04/22/21 05:01	2000
4-Methyl-2-pentanone (MIBK)	ND		10000	2000	ug/L			04/22/21 05:01	2000
Acetone	ND		20000	3800	ug/L			04/22/21 05:01	2000
Benzene	ND		2000	320	ug/L			04/22/21 05:01	2000
Bromoform	ND		2000	920	ug/L			04/22/21 05:01	2000
Bromomethane	ND		4000	420	ug/L			04/22/21 05:01	2000
Carbon disulfide	ND		4000	330	ug/L			04/22/21 05:01	2000
Carbon tetrachloride	ND		2000	380	ug/L			04/22/21 05:01	2000
Chlorobenzene	ND		2000	340	ug/L			04/22/21 05:01	2000
Chlorobromomethane	ND		2000	200	ug/L			04/22/21 05:01	2000
Chlorodibromomethane	ND		2000	340	ug/L			04/22/21 05:01	2000
Chloroethane	ND		4000	820	ug/L			04/22/21 05:01	2000

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-GW-MW14-DUP**

**Lab Sample ID: 280-147236-6**

Date Collected: 04/08/21 11:10

Matrix: Water

Date Received: 04/09/21 07:33

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		2000	320	ug/L			04/22/21 05:01	2000
Chloromethane	ND		4000	600	ug/L			04/22/21 05:01	2000
<b>cis-1,2-Dichloroethene</b>	<b>37000</b>		2000	300	ug/L			04/22/21 05:01	2000
cis-1,3-Dichloropropene	ND		2000	320	ug/L			04/22/21 05:01	2000
Dichlorobromomethane	ND		2000	340	ug/L			04/22/21 05:01	2000
Dichlorodifluoromethane	ND		4000	620	ug/L			04/22/21 05:01	2000
Ethylbenzene	ND		2000	320	ug/L			04/22/21 05:01	2000
Isopropylbenzene	ND		2000	380	ug/L			04/22/21 05:01	2000
Methylene Chloride	ND		4000	1900	ug/L			04/22/21 05:01	2000
m-Xylene & p-Xylene	ND		4000	310	ug/L			04/22/21 05:01	2000
o-Xylene	ND		2000	380	ug/L			04/22/21 05:01	2000
Styrene	ND		2000	710	ug/L			04/22/21 05:01	2000
Tetrachloroethene	ND		2000	400	ug/L			04/22/21 05:01	2000
Toluene	ND		2000	340	ug/L			04/22/21 05:01	2000
trans-1,2-Dichloroethene	ND		2000	300	ug/L			04/22/21 05:01	2000
trans-1,3-Dichloropropene	ND		6000	380	ug/L			04/22/21 05:01	2000
<b>Trichloroethene</b>	<b>300000</b>		2000	320	ug/L			04/22/21 05:01	2000
Trichlorofluoromethane	ND		4000	580	ug/L			04/22/21 05:01	2000
Vinyl chloride	ND		2000	200	ug/L			04/22/21 05:01	2000
2-Butanone (MEK)	ND		12000	4000	ug/L			04/22/21 05:01	2000
1,2-Dibromoethane	ND		2000	360	ug/L			04/22/21 05:01	2000
Methyl tert-butyl ether	ND		10000	500	ug/L			04/22/21 05:01	2000
1,1,2-Trichlorotrifluoroethane	ND		6000	360	ug/L			04/22/21 05:01	2000
1,2,3-Trichlorobenzene	ND		2000	420	ug/L			04/22/21 05:01	2000
1,2,4-Trichlorobenzene	ND		2000	420	ug/L			04/22/21 05:01	2000
Cyclohexane	ND		4000	560	ug/L			04/22/21 05:01	2000
Methyl acetate	ND		10000	3300	ug/L			04/22/21 05:01	2000
Methylcyclohexane	ND		2000	200	ug/L			04/22/21 05:01	2000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 127					04/22/21 05:01	2000
4-Bromofluorobenzene (Surr)	98		78 - 120					04/22/21 05:01	2000
Toluene-d8 (Surr)	100		80 - 125					04/22/21 05:01	2000
Dibromofluoromethane (Surr)	99		77 - 120					04/22/21 05:01	2000

**Client Sample ID: F0069-GW-MW7**

**Lab Sample ID: 280-147236-7**

Date Collected: 04/08/21 11:36

Matrix: Water

Date Received: 04/09/21 07:33

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2000	320	ug/L			04/22/21 05:24	2000
1,1,2,2-Tetrachloroethane	ND		2000	420	ug/L			04/22/21 05:24	2000
1,1,2-Trichloroethane	ND		2000	540	ug/L			04/22/21 05:24	2000
1,1-Dichloroethane	ND		2000	440	ug/L			04/22/21 05:24	2000
1,1-Dichloroethene	ND		2000	460	ug/L			04/22/21 05:24	2000
1,2-Dibromo-3-Chloropropane	ND		10000	940	ug/L			04/22/21 05:24	2000
1,2-Dichlorobenzene	ND		2000	300	ug/L			04/22/21 05:24	2000
1,2-Dichloroethane	ND		2000	260	ug/L			04/22/21 05:24	2000
1,2-Dichloropropane	ND		2000	360	ug/L			04/22/21 05:24	2000

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-GW-MW7**

**Lab Sample ID: 280-147236-7**

Date Collected: 04/08/21 11:36

Matrix: Water

Date Received: 04/09/21 07:33

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		2000	260	ug/L			04/22/21 05:24	2000
1,4-Dichlorobenzene	ND		2000	320	ug/L			04/22/21 05:24	2000
1,4-Dioxane	ND		400000	39000	ug/L			04/22/21 05:24	2000
2-Hexanone	ND		10000	3400	ug/L			04/22/21 05:24	2000
4-Methyl-2-pentanone (MIBK)	ND		10000	2000	ug/L			04/22/21 05:24	2000
Acetone	ND		20000	3800	ug/L			04/22/21 05:24	2000
Benzene	ND		2000	320	ug/L			04/22/21 05:24	2000
Bromoform	ND		2000	920	ug/L			04/22/21 05:24	2000
Bromomethane	ND		4000	420	ug/L			04/22/21 05:24	2000
Carbon disulfide	ND		4000	330	ug/L			04/22/21 05:24	2000
Carbon tetrachloride	ND		2000	380	ug/L			04/22/21 05:24	2000
Chlorobenzene	ND		2000	340	ug/L			04/22/21 05:24	2000
Chlorobromomethane	ND		2000	200	ug/L			04/22/21 05:24	2000
Chlorodibromomethane	ND		2000	340	ug/L			04/22/21 05:24	2000
Chloroethane	ND		4000	820	ug/L			04/22/21 05:24	2000
Chloroform	ND		2000	320	ug/L			04/22/21 05:24	2000
Chloromethane	ND		4000	600	ug/L			04/22/21 05:24	2000
<b>cis-1,2-Dichloroethene</b>	<b>5500</b>		2000	300	ug/L			04/22/21 05:24	2000
cis-1,3-Dichloropropene	ND		2000	320	ug/L			04/22/21 05:24	2000
Dichlorobromomethane	ND		2000	340	ug/L			04/22/21 05:24	2000
Dichlorodifluoromethane	ND		4000	620	ug/L			04/22/21 05:24	2000
Ethylbenzene	ND		2000	320	ug/L			04/22/21 05:24	2000
Isopropylbenzene	ND		2000	380	ug/L			04/22/21 05:24	2000
Methylene Chloride	ND		4000	1900	ug/L			04/22/21 05:24	2000
m-Xylene & p-Xylene	ND		4000	310	ug/L			04/22/21 05:24	2000
o-Xylene	ND		2000	380	ug/L			04/22/21 05:24	2000
Styrene	ND		2000	710	ug/L			04/22/21 05:24	2000
<b>Tetrachloroethene</b>	<b>1800</b>	<b>J</b>	2000	400	ug/L			04/22/21 05:24	2000
Toluene	ND		2000	340	ug/L			04/22/21 05:24	2000
trans-1,2-Dichloroethene	ND		2000	300	ug/L			04/22/21 05:24	2000
trans-1,3-Dichloropropene	ND		6000	380	ug/L			04/22/21 05:24	2000
<b>Trichloroethene</b>	<b>300000</b>		2000	320	ug/L			04/22/21 05:24	2000
Trichlorofluoromethane	ND		4000	580	ug/L			04/22/21 05:24	2000
Vinyl chloride	ND		2000	200	ug/L			04/22/21 05:24	2000
2-Butanone (MEK)	ND		12000	4000	ug/L			04/22/21 05:24	2000
1,2-Dibromoethane	ND		2000	360	ug/L			04/22/21 05:24	2000
Methyl tert-butyl ether	ND		10000	500	ug/L			04/22/21 05:24	2000
1,1,2-Trichlorotrifluoroethane	ND		6000	360	ug/L			04/22/21 05:24	2000
1,2,3-Trichlorobenzene	ND		2000	420	ug/L			04/22/21 05:24	2000
1,2,4-Trichlorobenzene	ND		2000	420	ug/L			04/22/21 05:24	2000
Cyclohexane	ND		4000	560	ug/L			04/22/21 05:24	2000
Methyl acetate	ND		10000	3300	ug/L			04/22/21 05:24	2000
Methylcyclohexane	ND		2000	200	ug/L			04/22/21 05:24	2000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 127					04/22/21 05:24	2000
4-Bromofluorobenzene (Surr)	98		78 - 120					04/22/21 05:24	2000
Toluene-d8 (Surr)	100		80 - 125					04/22/21 05:24	2000
Dibromofluoromethane (Surr)	98		77 - 120					04/22/21 05:24	2000

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-GW-MW6**

**Lab Sample ID: 280-147236-8**

**Date Collected: 04/08/21 12:50**

**Matrix: Water**

**Date Received: 04/09/21 07:33**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	160	ug/L			04/22/21 06:33	1000
1,1,2,2-Tetrachloroethane	ND		1000	210	ug/L			04/22/21 06:33	1000
1,1,2-Trichloroethane	ND		1000	270	ug/L			04/22/21 06:33	1000
1,1-Dichloroethane	ND		1000	220	ug/L			04/22/21 06:33	1000
1,1-Dichloroethene	ND		1000	230	ug/L			04/22/21 06:33	1000
1,2-Dibromo-3-Chloropropane	ND		5000	470	ug/L			04/22/21 06:33	1000
1,2-Dichlorobenzene	ND		1000	150	ug/L			04/22/21 06:33	1000
1,2-Dichloroethane	ND		1000	130	ug/L			04/22/21 06:33	1000
1,2-Dichloropropane	ND		1000	180	ug/L			04/22/21 06:33	1000
1,3-Dichlorobenzene	ND		1000	130	ug/L			04/22/21 06:33	1000
1,4-Dichlorobenzene	ND		1000	160	ug/L			04/22/21 06:33	1000
1,4-Dioxane	ND		200000	19000	ug/L			04/22/21 06:33	1000
2-Hexanone	ND		5000	1700	ug/L			04/22/21 06:33	1000
4-Methyl-2-pentanone (MIBK)	ND		5000	980	ug/L			04/22/21 06:33	1000
Acetone	ND		10000	1900	ug/L			04/22/21 06:33	1000
Benzene	ND		1000	160	ug/L			04/22/21 06:33	1000
Bromoform	ND		1000	460	ug/L			04/22/21 06:33	1000
Bromomethane	ND		2000	210	ug/L			04/22/21 06:33	1000
Carbon disulfide	ND		2000	170	ug/L			04/22/21 06:33	1000
Carbon tetrachloride	ND		1000	190	ug/L			04/22/21 06:33	1000
Chlorobenzene	ND		1000	170	ug/L			04/22/21 06:33	1000
Chlorobromomethane	ND		1000	100	ug/L			04/22/21 06:33	1000
Chlorodibromomethane	ND		1000	170	ug/L			04/22/21 06:33	1000
Chloroethane	ND		2000	410	ug/L			04/22/21 06:33	1000
Chloroform	ND		1000	160	ug/L			04/22/21 06:33	1000
Chloromethane	ND		2000	300	ug/L			04/22/21 06:33	1000
<b>cis-1,2-Dichloroethene</b>	<b>2000</b>		1000	150	ug/L			04/22/21 06:33	1000
cis-1,3-Dichloropropene	ND		1000	160	ug/L			04/22/21 06:33	1000
Dichlorobromomethane	ND		1000	170	ug/L			04/22/21 06:33	1000
Dichlorodifluoromethane	ND		2000	310	ug/L			04/22/21 06:33	1000
Ethylbenzene	ND		1000	160	ug/L			04/22/21 06:33	1000
Isopropylbenzene	ND		1000	190	ug/L			04/22/21 06:33	1000
Methylene Chloride	ND		2000	940	ug/L			04/22/21 06:33	1000
m-Xylene & p-Xylene	ND		2000	150	ug/L			04/22/21 06:33	1000
o-Xylene	ND		1000	190	ug/L			04/22/21 06:33	1000
Styrene	ND		1000	360	ug/L			04/22/21 06:33	1000
Tetrachloroethene	ND		1000	200	ug/L			04/22/21 06:33	1000
Toluene	ND		1000	170	ug/L			04/22/21 06:33	1000
trans-1,2-Dichloroethene	ND		1000	150	ug/L			04/22/21 06:33	1000
trans-1,3-Dichloropropene	ND		3000	190	ug/L			04/22/21 06:33	1000
<b>Trichloroethene</b>	<b>120000</b>		1000	160	ug/L			04/22/21 06:33	1000
Trichlorofluoromethane	ND		2000	290	ug/L			04/22/21 06:33	1000
Vinyl chloride	ND		1000	100	ug/L			04/22/21 06:33	1000
2-Butanone (MEK)	ND		6000	2000	ug/L			04/22/21 06:33	1000
1,2-Dibromoethane	ND		1000	180	ug/L			04/22/21 06:33	1000
Methyl tert-butyl ether	ND		5000	250	ug/L			04/22/21 06:33	1000
1,1,2-Trichlorotrifluoroethane	ND		3000	180	ug/L			04/22/21 06:33	1000
<b>1,2,3-Trichlorobenzene</b>	<b>510 J</b>		1000	210	ug/L			04/22/21 06:33	1000
<b>1,2,4-Trichlorobenzene</b>	<b>400 J</b>		1000	210	ug/L			04/22/21 06:33	1000

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-GW-MW6**

**Lab Sample ID: 280-147236-8**

Date Collected: 04/08/21 12:50

Matrix: Water

Date Received: 04/09/21 07:33

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		2000	280	ug/L			04/22/21 06:33	1000
Methyl acetate	ND		5000	1600	ug/L			04/22/21 06:33	1000
Methylcyclohexane	ND		1000	100	ug/L			04/22/21 06:33	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 127		04/22/21 06:33	1000
4-Bromofluorobenzene (Surr)	98		78 - 120		04/22/21 06:33	1000
Toluene-d8 (Surr)	100		80 - 125		04/22/21 06:33	1000
Dibromofluoromethane (Surr)	98		77 - 120		04/22/21 06:33	1000

**Client Sample ID: F0069-GW-MW4**

**Lab Sample ID: 280-147236-9**

Date Collected: 04/08/21 14:26

Matrix: Water

Date Received: 04/09/21 07:33

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	32	ug/L			04/22/21 06:57	200
1,1,2,2-Tetrachloroethane	ND		200	42	ug/L			04/22/21 06:57	200
1,1,2-Trichloroethane	ND		200	54	ug/L			04/22/21 06:57	200
1,1-Dichloroethane	ND		200	44	ug/L			04/22/21 06:57	200
<b>1,1-Dichloroethene</b>	<b>110</b>	<b>J</b>	200	46	ug/L			04/22/21 06:57	200
1,2-Dibromo-3-Chloropropane	ND		1000	94	ug/L			04/22/21 06:57	200
1,2-Dichlorobenzene	ND		200	30	ug/L			04/22/21 06:57	200
1,2-Dichloroethane	ND		200	26	ug/L			04/22/21 06:57	200
1,2-Dichloropropane	ND		200	36	ug/L			04/22/21 06:57	200
1,3-Dichlorobenzene	ND		200	26	ug/L			04/22/21 06:57	200
1,4-Dichlorobenzene	ND		200	32	ug/L			04/22/21 06:57	200
1,4-Dioxane	ND		40000	3900	ug/L			04/22/21 06:57	200
2-Hexanone	ND		1000	340	ug/L			04/22/21 06:57	200
4-Methyl-2-pentanone (MIBK)	ND		1000	200	ug/L			04/22/21 06:57	200
Acetone	ND		2000	380	ug/L			04/22/21 06:57	200
Benzene	ND		200	32	ug/L			04/22/21 06:57	200
Bromoform	ND		200	92	ug/L			04/22/21 06:57	200
Bromomethane	ND		400	42	ug/L			04/22/21 06:57	200
Carbon disulfide	ND		400	33	ug/L			04/22/21 06:57	200
Carbon tetrachloride	ND		200	38	ug/L			04/22/21 06:57	200
Chlorobenzene	ND		200	34	ug/L			04/22/21 06:57	200
Chlorobromomethane	ND		200	20	ug/L			04/22/21 06:57	200
Chlorodibromomethane	ND		200	34	ug/L			04/22/21 06:57	200
Chloroethane	ND		400	82	ug/L			04/22/21 06:57	200
Chloroform	ND		200	32	ug/L			04/22/21 06:57	200
Chloromethane	ND		400	60	ug/L			04/22/21 06:57	200
<b>cis-1,2-Dichloroethene</b>	<b>3700</b>		200	30	ug/L			04/22/21 06:57	200
cis-1,3-Dichloropropene	ND		200	32	ug/L			04/22/21 06:57	200
Dichlorobromomethane	ND		200	34	ug/L			04/22/21 06:57	200
Dichlorodifluoromethane	ND		400	62	ug/L			04/22/21 06:57	200
Ethylbenzene	ND		200	32	ug/L			04/22/21 06:57	200
Isopropylbenzene	ND		200	38	ug/L			04/22/21 06:57	200
Methylene Chloride	ND		400	190	ug/L			04/22/21 06:57	200
m-Xylene & p-Xylene	ND		400	31	ug/L			04/22/21 06:57	200

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-GW-MW4**

**Lab Sample ID: 280-147236-9**

Date Collected: 04/08/21 14:26

Matrix: Water

Date Received: 04/09/21 07:33

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		200	38	ug/L			04/22/21 06:57	200
Styrene	ND		200	71	ug/L			04/22/21 06:57	200
Tetrachloroethene	ND		200	40	ug/L			04/22/21 06:57	200
Toluene	ND		200	34	ug/L			04/22/21 06:57	200
trans-1,2-Dichloroethene	ND		200	30	ug/L			04/22/21 06:57	200
trans-1,3-Dichloropropene	ND		600	38	ug/L			04/22/21 06:57	200
<b>Trichloroethene</b>	<b>32000</b>		200	32	ug/L			04/22/21 06:57	200
Trichlorofluoromethane	ND		400	58	ug/L			04/22/21 06:57	200
Vinyl chloride	ND		200	20	ug/L			04/22/21 06:57	200
2-Butanone (MEK)	ND		1200	400	ug/L			04/22/21 06:57	200
1,2-Dibromoethane	ND		200	36	ug/L			04/22/21 06:57	200
Methyl tert-butyl ether	ND		1000	50	ug/L			04/22/21 06:57	200
1,1,2-Trichlorotrifluoroethane	ND		600	36	ug/L			04/22/21 06:57	200
1,2,3-Trichlorobenzene	ND		200	42	ug/L			04/22/21 06:57	200
1,2,4-Trichlorobenzene	ND		200	42	ug/L			04/22/21 06:57	200
Cyclohexane	ND		400	56	ug/L			04/22/21 06:57	200
Methyl acetate	ND		1000	330	ug/L			04/22/21 06:57	200
Methylcyclohexane	ND		200	20	ug/L			04/22/21 06:57	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 127		04/22/21 06:57	200
4-Bromofluorobenzene (Surr)	98		78 - 120		04/22/21 06:57	200
Toluene-d8 (Surr)	99		80 - 125		04/22/21 06:57	200
Dibromofluoromethane (Surr)	98		77 - 120		04/22/21 06:57	200

**Client Sample ID: F0069-GW-MW1**

**Lab Sample ID: 280-147236-10**

Date Collected: 04/08/21 14:15

Matrix: Water

Date Received: 04/09/21 07:33

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	8.0	ug/L			04/22/21 07:20	50
1,1,2,2-Tetrachloroethane	ND		50	11	ug/L			04/22/21 07:20	50
1,1,2-Trichloroethane	ND		50	14	ug/L			04/22/21 07:20	50
1,1-Dichloroethane	ND		50	11	ug/L			04/22/21 07:20	50
1,1-Dichloroethene	ND		50	12	ug/L			04/22/21 07:20	50
1,2-Dibromo-3-Chloropropane	ND		250	24	ug/L			04/22/21 07:20	50
1,2-Dichlorobenzene	ND		50	7.5	ug/L			04/22/21 07:20	50
1,2-Dichloroethane	ND		50	6.5	ug/L			04/22/21 07:20	50
1,2-Dichloropropane	ND		50	9.0	ug/L			04/22/21 07:20	50
1,3-Dichlorobenzene	ND		50	6.5	ug/L			04/22/21 07:20	50
1,4-Dichlorobenzene	ND		50	8.0	ug/L			04/22/21 07:20	50
1,4-Dioxane	ND		10000	970	ug/L			04/22/21 07:20	50
2-Hexanone	ND		250	85	ug/L			04/22/21 07:20	50
4-Methyl-2-pentanone (MIBK)	ND		250	49	ug/L			04/22/21 07:20	50
Acetone	ND		500	95	ug/L			04/22/21 07:20	50
Benzene	ND		50	8.0	ug/L			04/22/21 07:20	50
Bromoform	ND		50	23	ug/L			04/22/21 07:20	50
Bromomethane	ND		100	11	ug/L			04/22/21 07:20	50
Carbon disulfide	ND		100	8.4	ug/L			04/22/21 07:20	50

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-GW-MW1**

**Lab Sample ID: 280-147236-10**

Date Collected: 04/08/21 14:15

Matrix: Water

Date Received: 04/09/21 07:33

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		50	9.5	ug/L			04/22/21 07:20	50
Chlorobenzene	ND		50	8.5	ug/L			04/22/21 07:20	50
Chlorobromomethane	ND		50	5.0	ug/L			04/22/21 07:20	50
Chlorodibromomethane	ND		50	8.5	ug/L			04/22/21 07:20	50
Chloroethane	ND		100	21	ug/L			04/22/21 07:20	50
Chloroform	ND		50	8.0	ug/L			04/22/21 07:20	50
Chloromethane	ND		100	15	ug/L			04/22/21 07:20	50
<b>cis-1,2-Dichloroethene</b>	<b>430</b>		50	7.5	ug/L			04/22/21 07:20	50
cis-1,3-Dichloropropene	ND		50	8.0	ug/L			04/22/21 07:20	50
Dichlorobromomethane	ND		50	8.5	ug/L			04/22/21 07:20	50
Dichlorodifluoromethane	ND		100	16	ug/L			04/22/21 07:20	50
Ethylbenzene	ND		50	8.0	ug/L			04/22/21 07:20	50
Isopropylbenzene	ND		50	9.5	ug/L			04/22/21 07:20	50
Methylene Chloride	ND		100	47	ug/L			04/22/21 07:20	50
m-Xylene & p-Xylene	ND		100	7.7	ug/L			04/22/21 07:20	50
o-Xylene	ND		50	9.5	ug/L			04/22/21 07:20	50
Styrene	ND		50	18	ug/L			04/22/21 07:20	50
Tetrachloroethene	ND		50	10	ug/L			04/22/21 07:20	50
Toluene	ND		50	8.5	ug/L			04/22/21 07:20	50
trans-1,2-Dichloroethene	ND		50	7.5	ug/L			04/22/21 07:20	50
trans-1,3-Dichloropropene	ND		150	9.5	ug/L			04/22/21 07:20	50
<b>Trichloroethene</b>	<b>8900</b>		50	8.0	ug/L			04/22/21 07:20	50
Trichlorofluoromethane	ND		100	15	ug/L			04/22/21 07:20	50
Vinyl chloride	ND		50	5.0	ug/L			04/22/21 07:20	50
2-Butanone (MEK)	ND		300	100	ug/L			04/22/21 07:20	50
1,2-Dibromoethane	ND		50	9.0	ug/L			04/22/21 07:20	50
Methyl tert-butyl ether	ND		250	13	ug/L			04/22/21 07:20	50
1,1,2-Trichlorotrifluoroethane	ND		150	9.1	ug/L			04/22/21 07:20	50
1,2,3-Trichlorobenzene	ND		50	11	ug/L			04/22/21 07:20	50
1,2,4-Trichlorobenzene	ND		50	11	ug/L			04/22/21 07:20	50
Cyclohexane	ND		100	14	ug/L			04/22/21 07:20	50
Methyl acetate	ND		250	82	ug/L			04/22/21 07:20	50
Methylcyclohexane	ND		50	5.1	ug/L			04/22/21 07:20	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 127		04/22/21 07:20	50
4-Bromofluorobenzene (Surr)	97		78 - 120		04/22/21 07:20	50
Toluene-d8 (Surr)	100		80 - 125		04/22/21 07:20	50
Dibromofluoromethane (Surr)	99		77 - 120		04/22/21 07:20	50

**Client Sample ID: F0069-GW-DW1**

**Lab Sample ID: 280-147236-11**

Date Collected: 04/08/21 15:44

Matrix: Water

Date Received: 04/09/21 07:33

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	0.32	ug/L			04/22/21 07:44	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			04/22/21 07:44	2
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			04/22/21 07:44	2
1,1-Dichloroethane	ND		2.0	0.44	ug/L			04/22/21 07:44	2

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-GW-DW1**

**Lab Sample ID: 280-147236-11**

Date Collected: 04/08/21 15:44

Matrix: Water

Date Received: 04/09/21 07:33

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		2.0	0.46	ug/L			04/22/21 07:44	2
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			04/22/21 07:44	2
1,2-Dichlorobenzene	ND		2.0	0.30	ug/L			04/22/21 07:44	2
1,2-Dichloroethane	ND		2.0	0.26	ug/L			04/22/21 07:44	2
1,2-Dichloropropane	ND		2.0	0.36	ug/L			04/22/21 07:44	2
1,3-Dichlorobenzene	ND		2.0	0.26	ug/L			04/22/21 07:44	2
1,4-Dichlorobenzene	ND		2.0	0.32	ug/L			04/22/21 07:44	2
1,4-Dioxane	ND		400	39	ug/L			04/22/21 07:44	2
2-Hexanone	ND		10	3.4	ug/L			04/22/21 07:44	2
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/L			04/22/21 07:44	2
Acetone	ND		20	3.8	ug/L			04/22/21 07:44	2
Benzene	ND		2.0	0.32	ug/L			04/22/21 07:44	2
Bromoform	ND		2.0	0.92	ug/L			04/22/21 07:44	2
Bromomethane	ND		4.0	0.42	ug/L			04/22/21 07:44	2
Carbon disulfide	ND		4.0	0.33	ug/L			04/22/21 07:44	2
Carbon tetrachloride	ND		2.0	0.38	ug/L			04/22/21 07:44	2
Chlorobenzene	ND		2.0	0.34	ug/L			04/22/21 07:44	2
Chlorobromomethane	ND		2.0	0.20	ug/L			04/22/21 07:44	2
Chlorodibromomethane	ND		2.0	0.34	ug/L			04/22/21 07:44	2
Chloroethane	ND		4.0	0.82	ug/L			04/22/21 07:44	2
Chloroform	ND		2.0	0.32	ug/L			04/22/21 07:44	2
Chloromethane	ND		4.0	0.60	ug/L			04/22/21 07:44	2
<b>cis-1,2-Dichloroethene</b>	<b>7.1</b>		2.0	0.30	ug/L			04/22/21 07:44	2
cis-1,3-Dichloropropene	ND		2.0	0.32	ug/L			04/22/21 07:44	2
Dichlorobromomethane	ND		2.0	0.34	ug/L			04/22/21 07:44	2
Dichlorodifluoromethane	ND		4.0	0.62	ug/L			04/22/21 07:44	2
Ethylbenzene	ND		2.0	0.32	ug/L			04/22/21 07:44	2
Isopropylbenzene	ND		2.0	0.38	ug/L			04/22/21 07:44	2
Methylene Chloride	ND		4.0	1.9	ug/L			04/22/21 07:44	2
m-Xylene & p-Xylene	ND		4.0	0.31	ug/L			04/22/21 07:44	2
o-Xylene	ND		2.0	0.38	ug/L			04/22/21 07:44	2
Styrene	ND		2.0	0.71	ug/L			04/22/21 07:44	2
Tetrachloroethene	ND		2.0	0.40	ug/L			04/22/21 07:44	2
Toluene	ND		2.0	0.34	ug/L			04/22/21 07:44	2
trans-1,2-Dichloroethene	ND		2.0	0.30	ug/L			04/22/21 07:44	2
trans-1,3-Dichloropropene	ND		6.0	0.38	ug/L			04/22/21 07:44	2
<b>Trichloroethene</b>	<b>230</b>		2.0	0.32	ug/L			04/22/21 07:44	2
Trichlorofluoromethane	ND		4.0	0.58	ug/L			04/22/21 07:44	2
Vinyl chloride	ND		2.0	0.20	ug/L			04/22/21 07:44	2
2-Butanone (MEK)	ND		12	4.0	ug/L			04/22/21 07:44	2
1,2-Dibromoethane	ND		2.0	0.36	ug/L			04/22/21 07:44	2
Methyl tert-butyl ether	ND		10	0.50	ug/L			04/22/21 07:44	2
1,1,2-Trichlorotrifluoroethane	ND		6.0	0.36	ug/L			04/22/21 07:44	2
1,2,3-Trichlorobenzene	ND		2.0	0.42	ug/L			04/22/21 07:44	2
1,2,4-Trichlorobenzene	ND		2.0	0.42	ug/L			04/22/21 07:44	2
Cyclohexane	ND		4.0	0.56	ug/L			04/22/21 07:44	2
Methyl acetate	ND		10	3.3	ug/L			04/22/21 07:44	2
Methylcyclohexane	ND		2.0	0.20	ug/L			04/22/21 07:44	2

# Client Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-GW-DW1**

**Lab Sample ID: 280-147236-11**

**Date Collected: 04/08/21 15:44**

**Matrix: Water**

**Date Received: 04/09/21 07:33**

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	99		70 - 127		04/22/21 07:44	2
4-Bromofluorobenzene (Surr)	96		78 - 120		04/22/21 07:44	2
Toluene-d8 (Surr)	100		80 - 125		04/22/21 07:44	2
Dibromofluoromethane (Surr)	98		77 - 120		04/22/21 07:44	2

# Default Detection Limits

Client: Toeroek Associates, Inc  
 Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	RL	MDL	Units
1,1,1-Trichloroethane	1.0	0.16	ug/L
1,1,2,2-Tetrachloroethane	1.0	0.21	ug/L
1,1,2-Trichloroethane	1.0	0.27	ug/L
1,1,2-Trichlorotrifluoroethane	3.0	0.18	ug/L
1,1-Dichloroethane	1.0	0.22	ug/L
1,1-Dichloroethene	1.0	0.23	ug/L
1,2,3-Trichlorobenzene	1.0	0.21	ug/L
1,2,4-Trichlorobenzene	1.0	0.21	ug/L
1,2-Dibromo-3-Chloropropane	5.0	0.47	ug/L
1,2-Dibromoethane	1.0	0.18	ug/L
1,2-Dichlorobenzene	1.0	0.15	ug/L
1,2-Dichloroethane	1.0	0.13	ug/L
1,2-Dichloropropane	1.0	0.18	ug/L
1,3-Dichlorobenzene	1.0	0.13	ug/L
1,4-Dichlorobenzene	1.0	0.16	ug/L
1,4-Dioxane	200	19	ug/L
2-Butanone (MEK)	6.0	2.0	ug/L
2-Hexanone	5.0	1.7	ug/L
4-Methyl-2-pentanone (MIBK)	5.0	0.98	ug/L
Acetone	10	1.9	ug/L
Benzene	1.0	0.16	ug/L
Bromoform	1.0	0.46	ug/L
Bromomethane	2.0	0.21	ug/L
Carbon disulfide	2.0	0.17	ug/L
Carbon tetrachloride	1.0	0.19	ug/L
Chlorobenzene	1.0	0.17	ug/L
Chlorobromomethane	1.0	0.10	ug/L
Chlorodibromomethane	1.0	0.17	ug/L
Chloroethane	2.0	0.41	ug/L
Chloroform	1.0	0.16	ug/L
Chloromethane	2.0	0.30	ug/L
cis-1,2-Dichloroethene	1.0	0.15	ug/L
cis-1,3-Dichloropropene	1.0	0.16	ug/L
Cyclohexane	2.0	0.28	ug/L
Dichlorobromomethane	1.0	0.17	ug/L
Dichlorodifluoromethane	2.0	0.31	ug/L
Ethylbenzene	1.0	0.16	ug/L
Isopropylbenzene	1.0	0.19	ug/L
Methyl acetate	5.0	1.6	ug/L
Methyl tert-butyl ether	5.0	0.25	ug/L
Methylcyclohexane	1.0	0.10	ug/L
Methylene Chloride	2.0	0.94	ug/L
m-Xylene & p-Xylene	2.0	0.15	ug/L
o-Xylene	1.0	0.19	ug/L
Styrene	1.0	0.36	ug/L
Tetrachloroethene	1.0	0.20	ug/L
Toluene	1.0	0.17	ug/L
trans-1,2-Dichloroethene	1.0	0.15	ug/L
trans-1,3-Dichloropropene	3.0	0.19	ug/L
Trichloroethene	1.0	0.16	ug/L
Trichlorofluoromethane	2.0	0.29	ug/L
Vinyl chloride	1.0	0.10	ug/L

# Surrogate Summary

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

**Matrix: Water**

**Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-127)	BFB (78-120)	TOL (80-125)	DBFM (77-120)
280-147236-1	F0069-TB02	110	103	96	103
280-147236-2	F0069-EB02	107	103	97	104
280-147236-3	F0069-GW-MW2	108	97	86	112
280-147236-4	F0069-GW-MW10	101	99	99	100
280-147236-5	F0069-GW-MW14	99	96	99	99
280-147236-6	F0069-GW-MW14-DUP	99	98	100	99
280-147236-7	F0069-GW-MW7	97	98	100	98
280-147236-7 MS	F0069-GW-MW7	97	94	100	99
280-147236-7 MSD	F0069-GW-MW7	99	95	99	101
280-147236-8	F0069-GW-MW6	98	98	100	98
280-147236-9	F0069-GW-MW4	99	98	99	98
280-147236-10	F0069-GW-MW1	99	97	100	99
280-147236-11	F0069-GW-DW1	99	96	100	98
LCS 280-532734/5	Lab Control Sample	107	103	98	104
LCS 280-533147/5	Lab Control Sample	102	99	99	103
LCS 280-533423/4	Lab Control Sample	97	94	100	100
LCSD 280-532734/6	Lab Control Sample Dup	106	103	98	104
LCSD 280-533147/6	Lab Control Sample Dup	104	99	97	103
LCSD 280-533423/5	Lab Control Sample Dup	97	96	100	100
MB 280-532734/10	Method Blank	108	102	98	104
MB 280-533147/10	Method Blank	103	99	95	103
MB 280-533423/9	Method Blank	99	100	101	98

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
TOL = Toluene-d8 (Surr)  
DBFM = Dibromofluoromethane (Surr)

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 280-532734/10

Matrix: Water

Analysis Batch: 532734

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			04/16/21 10:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/16/21 10:10	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			04/16/21 10:10	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			04/16/21 10:10	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			04/16/21 10:10	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			04/16/21 10:10	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			04/16/21 10:10	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			04/16/21 10:10	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			04/16/21 10:10	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			04/16/21 10:10	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			04/16/21 10:10	1
1,4-Dioxane	ND		200	19	ug/L			04/16/21 10:10	1
2-Hexanone	ND		5.0	1.7	ug/L			04/16/21 10:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			04/16/21 10:10	1
Acetone	ND		10	1.9	ug/L			04/16/21 10:10	1
Benzene	ND		1.0	0.16	ug/L			04/16/21 10:10	1
Bromoform	ND		1.0	0.46	ug/L			04/16/21 10:10	1
Bromomethane	ND		2.0	0.21	ug/L			04/16/21 10:10	1
Carbon disulfide	ND		2.0	0.17	ug/L			04/16/21 10:10	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			04/16/21 10:10	1
Chlorobenzene	ND		1.0	0.17	ug/L			04/16/21 10:10	1
Chlorobromomethane	ND		1.0	0.10	ug/L			04/16/21 10:10	1
Chlorodibromomethane	ND		1.0	0.17	ug/L			04/16/21 10:10	1
Chloroethane	ND		2.0	0.41	ug/L			04/16/21 10:10	1
Chloroform	ND		1.0	0.16	ug/L			04/16/21 10:10	1
Chloromethane	ND		2.0	0.30	ug/L			04/16/21 10:10	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			04/16/21 10:10	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			04/16/21 10:10	1
Dichlorobromomethane	ND		1.0	0.17	ug/L			04/16/21 10:10	1
Dichlorodifluoromethane	ND		2.0	0.31	ug/L			04/16/21 10:10	1
Ethylbenzene	ND		1.0	0.16	ug/L			04/16/21 10:10	1
Isopropylbenzene	ND		1.0	0.19	ug/L			04/16/21 10:10	1
Methylene Chloride	ND		2.0	0.94	ug/L			04/16/21 10:10	1
m-Xylene & p-Xylene	ND		2.0	0.15	ug/L			04/16/21 10:10	1
o-Xylene	ND		1.0	0.19	ug/L			04/16/21 10:10	1
Styrene	ND		1.0	0.36	ug/L			04/16/21 10:10	1
Tetrachloroethene	ND		1.0	0.20	ug/L			04/16/21 10:10	1
Toluene	ND		1.0	0.17	ug/L			04/16/21 10:10	1
trans-1,2-Dichloroethene	ND		1.0	0.15	ug/L			04/16/21 10:10	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			04/16/21 10:10	1
Trichloroethene	ND		1.0	0.16	ug/L			04/16/21 10:10	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			04/16/21 10:10	1
Vinyl chloride	ND		1.0	0.10	ug/L			04/16/21 10:10	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			04/16/21 10:10	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			04/16/21 10:10	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			04/16/21 10:10	1
1,1,2-Trichlorotrifluoroethane	ND		3.0	0.18	ug/L			04/16/21 10:10	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			04/16/21 10:10	1

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 280-532734/10**  
**Matrix: Water**  
**Analysis Batch: 532734**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			04/16/21 10:10	1
Cyclohexane	ND		2.0	0.28	ug/L			04/16/21 10:10	1
Methyl acetate	ND		5.0	1.6	ug/L			04/16/21 10:10	1
Methylcyclohexane	ND		1.0	0.10	ug/L			04/16/21 10:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 127		04/16/21 10:10	1
4-Bromofluorobenzene (Surr)	102		78 - 120		04/16/21 10:10	1
Toluene-d8 (Surr)	98		80 - 125		04/16/21 10:10	1
Dibromofluoromethane (Surr)	104		77 - 120		04/16/21 10:10	1

**Lab Sample ID: LCS 280-532734/5**  
**Matrix: Water**  
**Analysis Batch: 532734**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	28.3		ug/L		113	65 - 135
1,1,2,2-Tetrachloroethane	25.0	27.0		ug/L		108	58 - 135
1,1,2-Trichloroethane	25.0	29.3		ug/L		117	64 - 135
1,1-Dichloroethane	25.0	29.9		ug/L		119	65 - 135
1,1-Dichloroethene	25.0	28.3		ug/L		113	65 - 136
1,2-Dibromo-3-Chloropropane	25.0	23.3		ug/L		93	57 - 135
1,2-Dichlorobenzene	25.0	25.9		ug/L		104	65 - 135
1,2-Dichloroethane	25.0	29.0		ug/L		116	65 - 135
1,2-Dichloropropane	25.0	30.0		ug/L		120	64 - 135
1,3-Dichlorobenzene	25.0	25.6		ug/L		102	65 - 135
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	65 - 135
1,4-Dioxane	500	615		ug/L		123	31 - 147
2-Hexanone	100	118		ug/L		118	57 - 139
4-Methyl-2-pentanone (MIBK)	100	118		ug/L		118	60 - 150
Acetone	100	122		ug/L		122	39 - 156
Benzene	25.0	28.5		ug/L		114	65 - 135
Bromoform	25.0	23.3		ug/L		93	62 - 135
Bromomethane	25.0	21.3		ug/L		85	45 - 135
Carbon disulfide	25.0	26.4		ug/L		106	55 - 143
Carbon tetrachloride	25.0	27.7		ug/L		111	65 - 135
Chlorobenzene	25.0	26.4		ug/L		106	65 - 135
Chlorobromomethane	25.0	28.1		ug/L		112	65 - 135
Chlorodibromomethane	25.0	24.6		ug/L		99	65 - 135
Chloroethane	25.0	26.9		ug/L		108	46 - 136
Chloroform	25.0	29.4		ug/L		118	65 - 135
Chloromethane	25.0	23.0		ug/L		92	34 - 145
cis-1,2-Dichloroethene	25.0	28.3		ug/L		113	65 - 135
cis-1,3-Dichloropropene	25.0	27.5		ug/L		110	65 - 135
Dichlorobromomethane	25.0	28.0		ug/L		112	65 - 135
Dichlorodifluoromethane	25.0	22.6		ug/L		90	43 - 142
Ethylbenzene	25.0	26.2		ug/L		105	65 - 135
Isopropylbenzene	25.0	26.6		ug/L		106	65 - 135

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 280-532734/5

Matrix: Water

Analysis Batch: 532734

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	27.6		ug/L		110	54 - 141
m-Xylene & p-Xylene	25.0	26.7		ug/L		107	65 - 135
o-Xylene	25.0	27.1		ug/L		108	65 - 135
Styrene	25.0	27.5		ug/L		110	65 - 135
Tetrachloroethene	25.0	25.0		ug/L		100	65 - 135
Toluene	25.0	28.4		ug/L		113	65 - 135
trans-1,2-Dichloroethene	25.0	29.2		ug/L		117	65 - 135
trans-1,3-Dichloropropene	25.0	25.7		ug/L		103	65 - 135
Trichloroethene	25.0	26.6		ug/L		107	65 - 135
Trichlorofluoromethane	25.0	24.8		ug/L		99	53 - 137
Vinyl chloride	25.0	25.3		ug/L		101	40 - 137
2-Butanone (MEK)	100	129		ug/L		129	44 - 177
1,2-Dibromoethane	25.0	27.2		ug/L		109	65 - 135
Methyl tert-butyl ether	25.0	29.6		ug/L		118	54 - 135
1,1,2-Trichlorotrifluoroethane	25.0	26.7		ug/L		107	65 - 140
1,2,3-Trichlorobenzene	25.0	23.8		ug/L		95	60 - 135
1,2,4-Trichlorobenzene	25.0	24.5		ug/L		98	58 - 135
Cyclohexane	25.0	28.1		ug/L		112	62 - 135
Methyl acetate	50.0	63.1		ug/L		126	52 - 135
Methylcyclohexane	25.0	26.3		ug/L		105	63 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
4-Bromofluorobenzene (Surr)	103		78 - 120
Toluene-d8 (Surr)	98		80 - 125
Dibromofluoromethane (Surr)	104		77 - 120

Lab Sample ID: LCSD 280-532734/6

Matrix: Water

Analysis Batch: 532734

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	25.0	28.0		ug/L		112	65 - 135	1	20
1,1,1,2-Tetrachloroethane	25.0	26.5		ug/L		106	58 - 135	2	20
1,1,2-Trichloroethane	25.0	29.4		ug/L		118	64 - 135	1	27
1,1-Dichloroethane	25.0	29.7		ug/L		119	65 - 135	1	21
1,1-Dichloroethene	25.0	28.0		ug/L		112	65 - 136	1	20
1,2-Dibromo-3-Chloropropane	25.0	22.5		ug/L		90	57 - 135	3	22
1,2-Dichlorobenzene	25.0	25.8		ug/L		103	65 - 135	1	20
1,2-Dichloroethane	25.0	28.7		ug/L		115	65 - 135	1	20
1,2-Dichloropropane	25.0	29.8		ug/L		119	64 - 135	1	20
1,3-Dichlorobenzene	25.0	25.6		ug/L		103	65 - 135	0	20
1,4-Dichlorobenzene	25.0	25.1		ug/L		101	65 - 135	0	23
1,4-Dioxane	500	612		ug/L		122	31 - 147	0	30
2-Hexanone	100	115		ug/L		115	57 - 139	2	25
4-Methyl-2-pentanone (MIBK)	100	115		ug/L		115	60 - 150	2	22
Acetone	100	118		ug/L		118	39 - 156	4	23
Benzene	25.0	28.2		ug/L		113	65 - 135	1	20

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 280-532734/6

Matrix: Water

Analysis Batch: 532734

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	25.0	23.1		ug/L		93	62 - 135	1	27
Bromomethane	25.0	22.8		ug/L		91	45 - 135	7	33
Carbon disulfide	25.0	26.3		ug/L		105	55 - 143	1	20
Carbon tetrachloride	25.0	27.6		ug/L		110	65 - 135	1	21
Chlorobenzene	25.0	26.1		ug/L		104	65 - 135	1	20
Chlorobromomethane	25.0	27.9		ug/L		111	65 - 135	1	29
Chlorodibromomethane	25.0	24.2		ug/L		97	65 - 135	2	20
Chloroethane	25.0	28.4		ug/L		114	46 - 136	5	25
Chloroform	25.0	29.0		ug/L		116	65 - 135	1	20
Chloromethane	25.0	23.7		ug/L		95	34 - 145	3	24
cis-1,2-Dichloroethene	25.0	28.1		ug/L		113	65 - 135	1	20
cis-1,3-Dichloropropene	25.0	27.1		ug/L		108	65 - 135	2	26
Dichlorobromomethane	25.0	27.6		ug/L		111	65 - 135	1	20
Dichlorodifluoromethane	25.0	25.2		ug/L		101	43 - 142	11	30
Ethylbenzene	25.0	25.9		ug/L		104	65 - 135	1	20
Isopropylbenzene	25.0	26.3		ug/L		105	65 - 135	1	20
Methylene Chloride	25.0	27.2		ug/L		109	54 - 141	1	26
m-Xylene & p-Xylene	25.0	26.4		ug/L		106	65 - 135	1	20
o-Xylene	25.0	26.8		ug/L		107	65 - 135	1	20
Styrene	25.0	27.2		ug/L		109	65 - 135	1	26
Tetrachloroethene	25.0	24.6		ug/L		99	65 - 135	1	20
Toluene	25.0	28.0		ug/L		112	65 - 135	1	20
trans-1,2-Dichloroethene	25.0	28.8		ug/L		115	65 - 135	1	24
trans-1,3-Dichloropropene	25.0	25.6		ug/L		102	65 - 135	1	26
Trichloroethene	25.0	26.8		ug/L		107	65 - 135	0	20
Trichlorofluoromethane	25.0	27.5		ug/L		110	53 - 137	10	27
Vinyl chloride	25.0	27.0		ug/L		108	40 - 137	6	24
2-Butanone (MEK)	100	127		ug/L		127	44 - 177	1	32
1,2-Dibromoethane	25.0	26.9		ug/L		107	65 - 135	1	27
Methyl tert-butyl ether	25.0	29.4		ug/L		118	54 - 135	1	21
1,1,2-Trichlorotrifluoroethane	25.0	26.0		ug/L		104	65 - 140	3	20
1,2,3-Trichlorobenzene	25.0	23.6		ug/L		94	60 - 135	1	36
1,2,4-Trichlorobenzene	25.0	24.5		ug/L		98	58 - 135	0	25
Cyclohexane	25.0	27.5		ug/L		110	62 - 135	2	20
Methyl acetate	50.0	61.4		ug/L		123	52 - 135	3	27
Methylcyclohexane	25.0	25.8		ug/L		103	63 - 135	2	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
4-Bromofluorobenzene (Surr)	103		78 - 120
Toluene-d8 (Surr)	98		80 - 125
Dibromofluoromethane (Surr)	104		77 - 120

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 280-533147/10**

**Matrix: Water**

**Analysis Batch: 533147**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			04/20/21 11:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/20/21 11:32	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			04/20/21 11:32	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			04/20/21 11:32	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			04/20/21 11:32	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			04/20/21 11:32	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			04/20/21 11:32	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			04/20/21 11:32	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			04/20/21 11:32	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			04/20/21 11:32	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			04/20/21 11:32	1
1,4-Dioxane	ND		200	19	ug/L			04/20/21 11:32	1
2-Hexanone	ND		5.0	1.7	ug/L			04/20/21 11:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			04/20/21 11:32	1
Acetone	ND		10	1.9	ug/L			04/20/21 11:32	1
Benzene	ND		1.0	0.16	ug/L			04/20/21 11:32	1
Bromoform	ND		1.0	0.46	ug/L			04/20/21 11:32	1
Bromomethane	ND		2.0	0.21	ug/L			04/20/21 11:32	1
Carbon disulfide	ND		2.0	0.17	ug/L			04/20/21 11:32	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			04/20/21 11:32	1
Chlorobenzene	ND		1.0	0.17	ug/L			04/20/21 11:32	1
Chlorobromomethane	ND		1.0	0.10	ug/L			04/20/21 11:32	1
Chlorodibromomethane	ND		1.0	0.17	ug/L			04/20/21 11:32	1
Chloroethane	ND		2.0	0.41	ug/L			04/20/21 11:32	1
Chloroform	ND		1.0	0.16	ug/L			04/20/21 11:32	1
Chloromethane	ND		2.0	0.30	ug/L			04/20/21 11:32	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			04/20/21 11:32	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			04/20/21 11:32	1
Dichlorobromomethane	ND		1.0	0.17	ug/L			04/20/21 11:32	1
Dichlorodifluoromethane	ND		2.0	0.31	ug/L			04/20/21 11:32	1
Ethylbenzene	ND		1.0	0.16	ug/L			04/20/21 11:32	1
Isopropylbenzene	ND		1.0	0.19	ug/L			04/20/21 11:32	1
Methylene Chloride	ND		2.0	0.94	ug/L			04/20/21 11:32	1
m-Xylene & p-Xylene	ND		2.0	0.15	ug/L			04/20/21 11:32	1
o-Xylene	ND		1.0	0.19	ug/L			04/20/21 11:32	1
Styrene	ND		1.0	0.36	ug/L			04/20/21 11:32	1
Tetrachloroethene	ND		1.0	0.20	ug/L			04/20/21 11:32	1
Toluene	ND		1.0	0.17	ug/L			04/20/21 11:32	1
trans-1,2-Dichloroethene	ND		1.0	0.15	ug/L			04/20/21 11:32	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			04/20/21 11:32	1
Trichloroethene	ND		1.0	0.16	ug/L			04/20/21 11:32	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			04/20/21 11:32	1
Vinyl chloride	ND		1.0	0.10	ug/L			04/20/21 11:32	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			04/20/21 11:32	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			04/20/21 11:32	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			04/20/21 11:32	1
1,1,2-Trichlorotrifluoroethane	ND		3.0	0.18	ug/L			04/20/21 11:32	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			04/20/21 11:32	1

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 280-533147/10

Matrix: Water

Analysis Batch: 533147

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			04/20/21 11:32	1
Cyclohexane	ND		2.0	0.28	ug/L			04/20/21 11:32	1
Methyl acetate	ND		5.0	1.6	ug/L			04/20/21 11:32	1
Methylcyclohexane	ND		1.0	0.10	ug/L			04/20/21 11:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 127		04/20/21 11:32	1
4-Bromofluorobenzene (Surr)	99		78 - 120		04/20/21 11:32	1
Toluene-d8 (Surr)	95		80 - 125		04/20/21 11:32	1
Dibromofluoromethane (Surr)	103		77 - 120		04/20/21 11:32	1

Lab Sample ID: LCS 280-533147/5

Matrix: Water

Analysis Batch: 533147

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.7		ug/L		103	65 - 135
1,1,2,2-Tetrachloroethane	25.0	24.7		ug/L		99	58 - 135
1,1,2-Trichloroethane	25.0	26.2		ug/L		105	64 - 135
1,1-Dichloroethane	25.0	26.3		ug/L		105	65 - 135
1,1-Dichloroethene	25.0	26.1		ug/L		104	65 - 136
1,2-Dibromo-3-Chloropropane	25.0	23.8		ug/L		95	57 - 135
1,2-Dichlorobenzene	25.0	24.6		ug/L		98	65 - 135
1,2-Dichloroethane	25.0	24.6		ug/L		98	65 - 135
1,2-Dichloropropane	25.0	26.3		ug/L		105	64 - 135
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	65 - 135
1,4-Dichlorobenzene	25.0	24.1		ug/L		97	65 - 135
1,4-Dioxane	500	560		ug/L		112	31 - 147
2-Hexanone	100	110		ug/L		110	57 - 139
4-Methyl-2-pentanone (MIBK)	100	116		ug/L		116	60 - 150
Acetone	100	102		ug/L		102	39 - 156
Benzene	25.0	25.9		ug/L		104	65 - 135
Bromoform	25.0	23.8		ug/L		95	62 - 135
Bromomethane	25.0	27.7		ug/L		111	45 - 135
Carbon disulfide	25.0	24.9		ug/L		100	55 - 143
Carbon tetrachloride	25.0	25.7		ug/L		103	65 - 135
Chlorobenzene	25.0	24.7		ug/L		99	65 - 135
Chlorobromomethane	25.0	26.5		ug/L		106	65 - 135
Chlorodibromomethane	25.0	26.3		ug/L		105	65 - 135
Chloroethane	25.0	26.8		ug/L		107	46 - 136
Chloroform	25.0	26.4		ug/L		106	65 - 135
Chloromethane	25.0	25.4		ug/L		101	34 - 145
cis-1,2-Dichloroethene	25.0	25.7		ug/L		103	65 - 135
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	65 - 135
Dichlorobromomethane	25.0	27.2		ug/L		109	65 - 135
Dichlorodifluoromethane	25.0	22.8		ug/L		91	43 - 142
Ethylbenzene	25.0	25.2		ug/L		101	65 - 135
Isopropylbenzene	25.0	25.0		ug/L		100	65 - 135

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 280-533147/5**  
**Matrix: Water**  
**Analysis Batch: 533147**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	24.5		ug/L		98	54 - 141
m-Xylene & p-Xylene	25.0	25.1		ug/L		100	65 - 135
o-Xylene	25.0	25.9		ug/L		103	65 - 135
Styrene	25.0	26.1		ug/L		104	65 - 135
Tetrachloroethene	25.0	24.7		ug/L		99	65 - 135
Toluene	25.0	25.7		ug/L		103	65 - 135
trans-1,2-Dichloroethene	25.0	25.3		ug/L		101	65 - 135
trans-1,3-Dichloropropene	25.0	26.7		ug/L		107	65 - 135
Trichloroethene	25.0	24.5		ug/L		98	65 - 135
Trichlorofluoromethane	25.0	24.1		ug/L		96	53 - 137
Vinyl chloride	25.0	24.8		ug/L		99	40 - 137
2-Butanone (MEK)	100	108		ug/L		108	44 - 177
1,2-Dibromoethane	25.0	25.3		ug/L		101	65 - 135
Methyl tert-butyl ether	25.0	26.7		ug/L		107	54 - 135
1,1,2-Trichlorotrifluoroethane	25.0	25.7		ug/L		103	65 - 140
1,2,3-Trichlorobenzene	25.0	25.0		ug/L		100	60 - 135
1,2,4-Trichlorobenzene	25.0	24.9		ug/L		99	58 - 135
Cyclohexane	25.0	24.9		ug/L		99	62 - 135
Methyl acetate	50.0	54.8		ug/L		110	52 - 135
Methylcyclohexane	25.0	24.9		ug/L		100	63 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
4-Bromofluorobenzene (Surr)	99		78 - 120
Toluene-d8 (Surr)	99		80 - 125
Dibromofluoromethane (Surr)	103		77 - 120

**Lab Sample ID: LCSD 280-533147/6**  
**Matrix: Water**  
**Analysis Batch: 533147**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	25.0	24.7		ug/L		99	65 - 135	4	20
1,1,1,2-Tetrachloroethane	25.0	23.0		ug/L		92	58 - 135	7	20
1,1,2-Trichloroethane	25.0	25.6		ug/L		102	64 - 135	2	27
1,1-Dichloroethane	25.0	26.1		ug/L		104	65 - 135	1	21
1,1-Dichloroethene	25.0	25.3		ug/L		101	65 - 136	3	20
1,2-Dibromo-3-Chloropropane	25.0	21.8		ug/L		87	57 - 135	9	22
1,2-Dichlorobenzene	25.0	23.0		ug/L		92	65 - 135	6	20
1,2-Dichloroethane	25.0	24.5		ug/L		98	65 - 135	1	20
1,2-Dichloropropane	25.0	25.3		ug/L		101	64 - 135	4	20
1,3-Dichlorobenzene	25.0	23.1		ug/L		92	65 - 135	5	20
1,4-Dichlorobenzene	25.0	23.1		ug/L		92	65 - 135	5	23
1,4-Dioxane	500	534		ug/L		107	31 - 147	5	30
2-Hexanone	100	103		ug/L		103	57 - 139	6	25
4-Methyl-2-pentanone (MIBK)	100	111		ug/L		111	60 - 150	4	22
Acetone	100	101		ug/L		101	39 - 156	1	23
Benzene	25.0	25.5		ug/L		102	65 - 135	1	20

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 280-533147/6

Matrix: Water

Analysis Batch: 533147

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	25.0	22.8		ug/L		91	62 - 135	4	27
Bromomethane	25.0	28.4		ug/L		113	45 - 135	2	33
Carbon disulfide	25.0	24.4		ug/L		98	55 - 143	2	20
Carbon tetrachloride	25.0	24.9		ug/L		100	65 - 135	3	21
Chlorobenzene	25.0	23.7		ug/L		95	65 - 135	4	20
Chlorobromomethane	25.0	26.5		ug/L		106	65 - 135	0	29
Chlorodibromomethane	25.0	25.3		ug/L		101	65 - 135	4	20
Chloroethane	25.0	27.1		ug/L		108	46 - 136	1	25
Chloroform	25.0	25.7		ug/L		103	65 - 135	3	20
Chloromethane	25.0	25.2		ug/L		101	34 - 145	1	24
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	65 - 135	2	20
cis-1,3-Dichloropropene	25.0	25.0		ug/L		100	65 - 135	4	26
Dichlorobromomethane	25.0	26.8		ug/L		107	65 - 135	1	20
Dichlorodifluoromethane	25.0	24.5		ug/L		98	43 - 142	7	30
Ethylbenzene	25.0	23.7		ug/L		95	65 - 135	6	20
Isopropylbenzene	25.0	23.8		ug/L		95	65 - 135	5	20
Methylene Chloride	25.0	24.1		ug/L		96	54 - 141	2	26
m-Xylene & p-Xylene	25.0	24.1		ug/L		97	65 - 135	4	20
o-Xylene	25.0	24.7		ug/L		99	65 - 135	4	20
Styrene	25.0	25.0		ug/L		100	65 - 135	4	26
Tetrachloroethene	25.0	23.3		ug/L		93	65 - 135	6	20
Toluene	25.0	25.1		ug/L		101	65 - 135	2	20
trans-1,2-Dichloroethene	25.0	24.6		ug/L		98	65 - 135	3	24
trans-1,3-Dichloropropene	25.0	26.2		ug/L		105	65 - 135	2	26
Trichloroethene	25.0	23.3		ug/L		93	65 - 135	5	20
Trichlorofluoromethane	25.0	25.3		ug/L		101	53 - 137	5	27
Vinyl chloride	25.0	25.3		ug/L		101	40 - 137	2	24
2-Butanone (MEK)	100	106		ug/L		106	44 - 177	2	32
1,2-Dibromoethane	25.0	24.7		ug/L		99	65 - 135	3	27
Methyl tert-butyl ether	25.0	26.6		ug/L		106	54 - 135	0	21
1,1,2-Trichlorotrifluoroethane	25.0	25.3		ug/L		101	65 - 140	1	20
1,2,3-Trichlorobenzene	25.0	23.5		ug/L		94	60 - 135	6	36
1,2,4-Trichlorobenzene	25.0	23.3		ug/L		93	58 - 135	6	25
Cyclohexane	25.0	24.9		ug/L		100	62 - 135	0	20
Methyl acetate	50.0	54.3		ug/L		109	52 - 135	1	27
Methylcyclohexane	25.0	24.9		ug/L		100	63 - 135	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
4-Bromofluorobenzene (Surr)	99		78 - 120
Toluene-d8 (Surr)	97		80 - 125
Dibromofluoromethane (Surr)	103		77 - 120

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 280-533423/9**

**Matrix: Water**

**Analysis Batch: 533423**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			04/22/21 00:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/22/21 00:01	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			04/22/21 00:01	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			04/22/21 00:01	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			04/22/21 00:01	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			04/22/21 00:01	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			04/22/21 00:01	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			04/22/21 00:01	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			04/22/21 00:01	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			04/22/21 00:01	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			04/22/21 00:01	1
1,4-Dioxane	ND		200	19	ug/L			04/22/21 00:01	1
2-Hexanone	ND		5.0	1.7	ug/L			04/22/21 00:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			04/22/21 00:01	1
Acetone	ND		10	1.9	ug/L			04/22/21 00:01	1
Benzene	ND		1.0	0.16	ug/L			04/22/21 00:01	1
Bromoform	ND		1.0	0.46	ug/L			04/22/21 00:01	1
Bromomethane	ND		2.0	0.21	ug/L			04/22/21 00:01	1
Carbon disulfide	ND		2.0	0.17	ug/L			04/22/21 00:01	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			04/22/21 00:01	1
Chlorobenzene	ND		1.0	0.17	ug/L			04/22/21 00:01	1
Chlorobromomethane	ND		1.0	0.10	ug/L			04/22/21 00:01	1
Chlorodibromomethane	ND		1.0	0.17	ug/L			04/22/21 00:01	1
Chloroethane	ND		2.0	0.41	ug/L			04/22/21 00:01	1
Chloroform	ND		1.0	0.16	ug/L			04/22/21 00:01	1
Chloromethane	ND		2.0	0.30	ug/L			04/22/21 00:01	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			04/22/21 00:01	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			04/22/21 00:01	1
Dichlorobromomethane	ND		1.0	0.17	ug/L			04/22/21 00:01	1
Dichlorodifluoromethane	ND		2.0	0.31	ug/L			04/22/21 00:01	1
Ethylbenzene	ND		1.0	0.16	ug/L			04/22/21 00:01	1
Isopropylbenzene	ND		1.0	0.19	ug/L			04/22/21 00:01	1
Methylene Chloride	ND		2.0	0.94	ug/L			04/22/21 00:01	1
m-Xylene & p-Xylene	ND		2.0	0.15	ug/L			04/22/21 00:01	1
o-Xylene	ND		1.0	0.19	ug/L			04/22/21 00:01	1
Styrene	ND		1.0	0.36	ug/L			04/22/21 00:01	1
Tetrachloroethene	ND		1.0	0.20	ug/L			04/22/21 00:01	1
Toluene	ND		1.0	0.17	ug/L			04/22/21 00:01	1
trans-1,2-Dichloroethene	ND		1.0	0.15	ug/L			04/22/21 00:01	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			04/22/21 00:01	1
Trichloroethene	ND		1.0	0.16	ug/L			04/22/21 00:01	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			04/22/21 00:01	1
Vinyl chloride	ND		1.0	0.10	ug/L			04/22/21 00:01	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			04/22/21 00:01	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			04/22/21 00:01	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			04/22/21 00:01	1
1,1,2-Trichlorotrifluoroethane	ND		3.0	0.18	ug/L			04/22/21 00:01	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			04/22/21 00:01	1

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 280-533423/9

Matrix: Water

Analysis Batch: 533423

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			04/22/21 00:01	1
Cyclohexane	ND		2.0	0.28	ug/L			04/22/21 00:01	1
Methyl acetate	ND		5.0	1.6	ug/L			04/22/21 00:01	1
Methylcyclohexane	ND		1.0	0.10	ug/L			04/22/21 00:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 127		04/22/21 00:01	1
4-Bromofluorobenzene (Surr)	100		78 - 120		04/22/21 00:01	1
Toluene-d8 (Surr)	101		80 - 125		04/22/21 00:01	1
Dibromofluoromethane (Surr)	98		77 - 120		04/22/21 00:01	1

Lab Sample ID: LCS 280-533423/4

Matrix: Water

Analysis Batch: 533423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.5		ug/L		106	65 - 135
1,1,2,2-Tetrachloroethane	25.0	25.3		ug/L		101	58 - 135
1,1,2-Trichloroethane	25.0	26.2		ug/L		105	64 - 135
1,1-Dichloroethane	25.0	26.0		ug/L		104	65 - 135
1,1-Dichloroethene	25.0	25.7		ug/L		103	65 - 136
1,2-Dibromo-3-Chloropropane	25.0	25.7		ug/L		103	57 - 135
1,2-Dichlorobenzene	25.0	26.3		ug/L		105	65 - 135
1,2-Dichloroethane	25.0	24.0		ug/L		96	65 - 135
1,2-Dichloropropane	25.0	25.1		ug/L		100	64 - 135
1,3-Dichlorobenzene	25.0	26.7		ug/L		107	65 - 135
1,4-Dichlorobenzene	25.0	26.1		ug/L		104	65 - 135
1,4-Dioxane	500	567		ug/L		113	31 - 147
2-Hexanone	100	109		ug/L		109	57 - 139
4-Methyl-2-pentanone (MIBK)	100	108		ug/L		108	60 - 150
Acetone	100	107		ug/L		107	39 - 156
Benzene	25.0	26.1		ug/L		104	65 - 135
Bromoform	25.0	24.3		ug/L		97	62 - 135
Bromomethane	25.0	24.8		ug/L		99	45 - 135
Carbon disulfide	25.0	25.5		ug/L		102	55 - 143
Carbon tetrachloride	25.0	25.1		ug/L		100	65 - 135
Chlorobenzene	25.0	26.1		ug/L		104	65 - 135
Chlorobromomethane	25.0	27.2		ug/L		109	65 - 135
Chlorodibromomethane	25.0	25.0		ug/L		100	65 - 135
Chloroethane	25.0	26.0		ug/L		104	46 - 136
Chloroform	25.0	25.6		ug/L		102	65 - 135
Chloromethane	25.0	22.0		ug/L		88	34 - 145
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	65 - 135
cis-1,3-Dichloropropene	25.0	25.5		ug/L		102	65 - 135
Dichlorobromomethane	25.0	26.3		ug/L		105	65 - 135
Dichlorodifluoromethane	25.0	26.4		ug/L		105	43 - 142
Ethylbenzene	25.0	27.0		ug/L		108	65 - 135
Isopropylbenzene	25.0	26.4		ug/L		106	65 - 135

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 280-533423/4

Matrix: Water

Analysis Batch: 533423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	24.1		ug/L		96	54 - 141
m-Xylene & p-Xylene	25.0	26.7		ug/L		107	65 - 135
o-Xylene	25.0	26.6		ug/L		106	65 - 135
Styrene	25.0	27.5		ug/L		110	65 - 135
Tetrachloroethene	25.0	27.8		ug/L		111	65 - 135
Toluene	25.0	25.8		ug/L		103	65 - 135
trans-1,2-Dichloroethene	25.0	27.6		ug/L		110	65 - 135
trans-1,3-Dichloropropene	25.0	26.8		ug/L		107	65 - 135
Trichloroethene	25.0	26.2		ug/L		105	65 - 135
Trichlorofluoromethane	25.0	26.0		ug/L		104	53 - 137
Vinyl chloride	25.0	24.7		ug/L		99	40 - 137
2-Butanone (MEK)	100	102		ug/L		102	44 - 177
1,2-Dibromoethane	25.0	26.3		ug/L		105	65 - 135
Methyl tert-butyl ether	25.0	25.6		ug/L		102	54 - 135
1,1,2-Trichlorotrifluoroethane	25.0	26.6		ug/L		107	65 - 140
1,2,3-Trichlorobenzene	25.0	27.2		ug/L		109	60 - 135
1,2,4-Trichlorobenzene	25.0	27.9		ug/L		112	58 - 135
Cyclohexane	25.0	25.5		ug/L		102	62 - 135
Methyl acetate	50.0	50.8		ug/L		102	52 - 135
Methylcyclohexane	25.0	26.2		ug/L		105	63 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127
4-Bromofluorobenzene (Surr)	94		78 - 120
Toluene-d8 (Surr)	100		80 - 125
Dibromofluoromethane (Surr)	100		77 - 120

Lab Sample ID: LCS 280-533423/5

Matrix: Water

Analysis Batch: 533423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	25.0	26.1		ug/L		105	65 - 135	1	20
1,1,2,2-Tetrachloroethane	25.0	25.4		ug/L		101	58 - 135	0	20
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	64 - 135	1	27
1,1-Dichloroethane	25.0	25.2		ug/L		101	65 - 135	3	21
1,1-Dichloroethene	25.0	23.5		ug/L		94	65 - 136	9	20
1,2-Dibromo-3-Chloropropane	25.0	26.0		ug/L		104	57 - 135	1	22
1,2-Dichlorobenzene	25.0	26.3		ug/L		105	65 - 135	0	20
1,2-Dichloroethane	25.0	23.7		ug/L		95	65 - 135	1	20
1,2-Dichloropropane	25.0	24.5		ug/L		98	64 - 135	2	20
1,3-Dichlorobenzene	25.0	26.5		ug/L		106	65 - 135	1	20
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	65 - 135	3	23
1,4-Dioxane	500	548		ug/L		110	31 - 147	3	30
2-Hexanone	100	106		ug/L		106	57 - 139	3	25
4-Methyl-2-pentanone (MIBK)	100	107		ug/L		107	60 - 150	1	22
Acetone	100	100		ug/L		100	39 - 156	6	23
Benzene	25.0	25.3		ug/L		101	65 - 135	3	20

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 280-533423/5

Matrix: Water

Analysis Batch: 533423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	25.0	24.2		ug/L		97	62 - 135	0	27
Bromomethane	25.0	24.0		ug/L		96	45 - 135	3	33
Carbon disulfide	25.0	24.9		ug/L		100	55 - 143	2	20
Carbon tetrachloride	25.0	24.1		ug/L		96	65 - 135	4	21
Chlorobenzene	25.0	25.2		ug/L		101	65 - 135	4	20
Chlorobromomethane	25.0	27.0		ug/L		108	65 - 135	1	29
Chlorodibromomethane	25.0	24.4		ug/L		98	65 - 135	2	20
Chloroethane	25.0	24.7		ug/L		99	46 - 136	5	25
Chloroform	25.0	24.8		ug/L		99	65 - 135	3	20
Chloromethane	25.0	21.1		ug/L		84	34 - 145	4	24
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	65 - 135	3	20
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	65 - 135	1	26
Dichlorobromomethane	25.0	26.1		ug/L		104	65 - 135	1	20
Dichlorodifluoromethane	25.0	24.9		ug/L		100	43 - 142	6	30
Ethylbenzene	25.0	25.9		ug/L		104	65 - 135	4	20
Isopropylbenzene	25.0	25.6		ug/L		103	65 - 135	3	20
Methylene Chloride	25.0	23.6		ug/L		94	54 - 141	2	26
m-Xylene & p-Xylene	25.0	26.2		ug/L		105	65 - 135	2	20
o-Xylene	25.0	26.3		ug/L		105	65 - 135	1	20
Styrene	25.0	26.6		ug/L		106	65 - 135	3	26
Tetrachloroethene	25.0	27.1		ug/L		108	65 - 135	3	20
Toluene	25.0	25.3		ug/L		101	65 - 135	2	20
trans-1,2-Dichloroethene	25.0	25.9		ug/L		104	65 - 135	6	24
trans-1,3-Dichloropropene	25.0	26.3		ug/L		105	65 - 135	2	26
Trichloroethene	25.0	25.0		ug/L		100	65 - 135	5	20
Trichlorofluoromethane	25.0	25.0		ug/L		100	53 - 137	4	27
Vinyl chloride	25.0	23.7		ug/L		95	40 - 137	4	24
2-Butanone (MEK)	100	98.8		ug/L		99	44 - 177	3	32
1,2-Dibromoethane	25.0	25.9		ug/L		104	65 - 135	1	27
Methyl tert-butyl ether	25.0	25.7		ug/L		103	54 - 135	1	21
1,1,2-Trichlorotrifluoroethane	25.0	25.2		ug/L		101	65 - 140	6	20
1,2,3-Trichlorobenzene	25.0	27.6		ug/L		110	60 - 135	2	36
1,2,4-Trichlorobenzene	25.0	28.0		ug/L		112	58 - 135	0	25
Cyclohexane	25.0	24.5		ug/L		98	62 - 135	4	20
Methyl acetate	50.0	48.9		ug/L		98	52 - 135	4	27
Methylcyclohexane	25.0	24.7		ug/L		99	63 - 135	6	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		70 - 127
4-Bromofluorobenzene (Surr)	96		78 - 120
Toluene-d8 (Surr)	100		80 - 125
Dibromofluoromethane (Surr)	100		77 - 120

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 280-147236-7 MS**

**Matrix: Water**

**Analysis Batch: 533423**

**Client Sample ID: F0069-GW-MW7**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier			Limits	
1,1,1-Trichloroethane	ND		50000	55800		ug/L		112	65 - 135
1,1,2,2-Tetrachloroethane	ND		50000	50700		ug/L		101	58 - 135
1,1,2-Trichloroethane	ND		50000	53000		ug/L		106	64 - 135
1,1-Dichloroethane	ND		50000	53300		ug/L		107	65 - 135
1,1-Dichloroethene	ND		50000	54800		ug/L		110	65 - 136
1,2-Dibromo-3-Chloropropane	ND		50000	48500		ug/L		97	57 - 135
1,2-Dichlorobenzene	ND		50000	53000		ug/L		106	65 - 135
1,2-Dichloroethane	ND		50000	49800		ug/L		100	65 - 135
1,2-Dichloropropane	ND		50000	51200		ug/L		102	64 - 135
1,3-Dichlorobenzene	ND		50000	54400		ug/L		109	65 - 135
1,4-Dichlorobenzene	ND		50000	51900		ug/L		104	65 - 135
1,4-Dioxane	ND		1000000	1080000		ug/L		108	31 - 147
2-Hexanone	ND		200000	207000		ug/L		104	57 - 139
4-Methyl-2-pentanone (MIBK)	ND		200000	208000		ug/L		104	60 - 150
Acetone	ND		200000	185000		ug/L		93	39 - 156
Benzene	ND		50000	53400		ug/L		107	65 - 135
Bromoform	ND		50000	47300		ug/L		95	62 - 135
Bromomethane	ND		50000	26600		ug/L		53	45 - 135
Carbon disulfide	ND		50000	53400		ug/L		107	55 - 143
Carbon tetrachloride	ND		50000	51800		ug/L		104	65 - 135
Chlorobenzene	ND		50000	52300		ug/L		105	65 - 135
Chlorobromomethane	ND		50000	56000		ug/L		112	65 - 135
Chlorodibromomethane	ND		50000	48700		ug/L		97	65 - 135
Chloroethane	ND		50000	48400		ug/L		97	46 - 136
Chloroform	ND		50000	52100		ug/L		104	65 - 135
Chloromethane	ND		50000	39700		ug/L		79	34 - 145
cis-1,2-Dichloroethene	5500		50000	58200		ug/L		105	65 - 135
cis-1,3-Dichloropropene	ND		50000	49500		ug/L		99	65 - 135
Dichlorobromomethane	ND		50000	53600		ug/L		107	65 - 135
Dichlorodifluoromethane	ND		50000	48400		ug/L		97	43 - 142
Ethylbenzene	ND		50000	54800		ug/L		110	65 - 135
Isopropylbenzene	ND		50000	53800		ug/L		108	65 - 135
Methylene Chloride	ND		50000	49700		ug/L		99	54 - 141
m-Xylene & p-Xylene	ND		50000	55000		ug/L		110	65 - 135
o-Xylene	ND		50000	54000		ug/L		108	65 - 135
Styrene	ND		50000	55200		ug/L		110	65 - 135
Tetrachloroethene	1800	J	50000	60500		ug/L		117	65 - 135
Toluene	ND		50000	53100		ug/L		106	65 - 135
trans-1,2-Dichloroethene	ND		50000	55600		ug/L		111	65 - 135
trans-1,3-Dichloropropene	ND		50000	50800		ug/L		102	65 - 135
Trichloroethene	300000		50000	343000	4	ug/L		93	65 - 135
Trichlorofluoromethane	ND		50000	48300		ug/L		97	53 - 137
Vinyl chloride	ND		50000	45300		ug/L		91	40 - 137
2-Butanone (MEK)	ND		200000	195000		ug/L		97	44 - 177
1,2-Dibromoethane	ND		50000	52000		ug/L		104	65 - 135
Methyl tert-butyl ether	ND		50000	52000		ug/L		104	54 - 135
1,1,2-Trichlorotrifluoroethane	ND		50000	55200		ug/L		110	65 - 140
1,2,3-Trichlorobenzene	ND		50000	54900		ug/L		110	60 - 135

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 280-147236-7 MS

Matrix: Water

Analysis Batch: 533423

Client Sample ID: F0069-GW-MW7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	ND		50000	54200		ug/L		108	58 - 135
Cyclohexane	ND		50000	54900		ug/L		110	62 - 135
Methyl acetate	ND		100000	95400		ug/L		95	52 - 135
Methylcyclohexane	ND		50000	53000		ug/L		106	63 - 135
<b>MS MS</b>									
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	97		70 - 127						
4-Bromofluorobenzene (Surr)	94		78 - 120						
Toluene-d8 (Surr)	100		80 - 125						
Dibromofluoromethane (Surr)	99		77 - 120						

Lab Sample ID: 280-147236-7 MSD

Matrix: Water

Analysis Batch: 533423

Client Sample ID: F0069-GW-MW7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		50000	53600		ug/L		107	65 - 135	4	20
1,1,2,2-Tetrachloroethane	ND		50000	48900		ug/L		98	58 - 135	4	20
1,1,2-Trichloroethane	ND		50000	52500		ug/L		105	64 - 135	1	27
1,1-Dichloroethane	ND		50000	51400		ug/L		103	65 - 135	4	21
1,1-Dichloroethene	ND		50000	52100		ug/L		104	65 - 136	5	20
1,2-Dibromo-3-Chloropropane	ND		50000	47100		ug/L		94	57 - 135	3	22
1,2-Dichlorobenzene	ND		50000	51200		ug/L		102	65 - 135	3	20
1,2-Dichloroethane	ND		50000	47100		ug/L		94	65 - 135	6	20
1,2-Dichloropropane	ND		50000	49500		ug/L		99	64 - 135	4	20
1,3-Dichlorobenzene	ND		50000	51200		ug/L		102	65 - 135	6	20
1,4-Dichlorobenzene	ND		50000	49900		ug/L		100	65 - 135	4	23
1,4-Dioxane	ND		1000000	1060000		ug/L		106	31 - 147	1	30
2-Hexanone	ND		200000	201000		ug/L		101	57 - 139	3	25
4-Methyl-2-pentanone (MIBK)	ND		200000	204000		ug/L		102	60 - 150	2	22
Acetone	ND		200000	183000		ug/L		91	39 - 156	1	23
Benzene	ND		50000	51100		ug/L		102	65 - 135	4	20
Bromoform	ND		50000	46700		ug/L		93	62 - 135	1	27
Bromomethane	ND		50000	30500		ug/L		61	45 - 135	14	33
Carbon disulfide	ND		50000	51200		ug/L		102	55 - 143	4	20
Carbon tetrachloride	ND		50000	50500		ug/L		101	65 - 135	2	21
Chlorobenzene	ND		50000	50700		ug/L		101	65 - 135	3	20
Chlorobromomethane	ND		50000	53800		ug/L		108	65 - 135	4	29
Chlorodibromomethane	ND		50000	46800		ug/L		94	65 - 135	4	20
Chloroethane	ND		50000	45300		ug/L		91	46 - 136	7	25
Chloroform	ND		50000	49800		ug/L		100	65 - 135	5	20
Chloromethane	ND		50000	39200		ug/L		78	34 - 145	1	24
cis-1,2-Dichloroethene	5500		50000	55700		ug/L		100	65 - 135	4	20
cis-1,3-Dichloropropene	ND		50000	48300		ug/L		97	65 - 135	3	26
Dichlorobromomethane	ND		50000	52400		ug/L		105	65 - 135	2	20
Dichlorodifluoromethane	ND		50000	45000		ug/L		90	43 - 142	7	30
Ethylbenzene	ND		50000	51700		ug/L		103	65 - 135	6	20
Isopropylbenzene	ND		50000	51200		ug/L		102	65 - 135	5	20

# QC Sample Results

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 280-147236-7 MSD

Matrix: Water

Analysis Batch: 533423

Client Sample ID: F0069-GW-MW7

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Methylene Chloride	ND		50000	47900		ug/L		96	54 - 141	4	26
m-Xylene & p-Xylene	ND		50000	52500		ug/L		105	65 - 135	5	20
o-Xylene	ND		50000	52000		ug/L		104	65 - 135	4	20
Styrene	ND		50000	53000		ug/L		106	65 - 135	4	26
Tetrachloroethene	1800	J	50000	57300		ug/L		111	65 - 135	5	20
Toluene	ND		50000	51300		ug/L		103	65 - 135	4	20
trans-1,2-Dichloroethene	ND		50000	54100		ug/L		108	65 - 135	3	24
trans-1,3-Dichloropropene	ND		50000	50800		ug/L		102	65 - 135	0	26
Trichloroethene	300000		50000	325000	4	ug/L		56	65 - 135	6	20
Trichlorofluoromethane	ND		50000	45400		ug/L		91	53 - 137	6	27
Vinyl chloride	ND		50000	43600		ug/L		87	40 - 137	4	24
2-Butanone (MEK)	ND		200000	186000		ug/L		93	44 - 177	5	32
1,2-Dibromoethane	ND		50000	52000		ug/L		104	65 - 135	0	27
Methyl tert-butyl ether	ND		50000	50300		ug/L		101	54 - 135	3	21
1,1,2-Trichlorotrifluoroethane	ND		50000	52300		ug/L		105	65 - 140	5	20
1,2,3-Trichlorobenzene	ND		50000	54000		ug/L		108	60 - 135	2	36
1,2,4-Trichlorobenzene	ND		50000	54300		ug/L		109	58 - 135	0	25
Cyclohexane	ND		50000	52300		ug/L		105	62 - 135	5	20
Methyl acetate	ND		100000	94900		ug/L		95	52 - 135	0	27
Methylcyclohexane	ND		50000	50300		ug/L		101	63 - 135	5	20
<b>MSD MSD</b>											
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
1,2-Dichloroethane-d4 (Surr)	99		70 - 127								
4-Bromofluorobenzene (Surr)	95		78 - 120								
Toluene-d8 (Surr)	99		80 - 125								
Dibromofluoromethane (Surr)	101		77 - 120								

# QC Association Summary

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

## GC/MS VOA

### Analysis Batch: 532734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-147236-1	F0069-TB02	Total/NA	Water	8260B	
280-147236-2	F0069-EB02	Total/NA	Water	8260B	
MB 280-532734/10	Method Blank	Total/NA	Water	8260B	
LCS 280-532734/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 280-532734/6	Lab Control Sample Dup	Total/NA	Water	8260B	

### Analysis Batch: 533147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-147236-3	F0069-GW-MW2	Total/NA	Water	8260B	
MB 280-533147/10	Method Blank	Total/NA	Water	8260B	
LCS 280-533147/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 280-533147/6	Lab Control Sample Dup	Total/NA	Water	8260B	

### Analysis Batch: 533423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-147236-4	F0069-GW-MW10	Total/NA	Water	8260B	
280-147236-5	F0069-GW-MW14	Total/NA	Water	8260B	
280-147236-6	F0069-GW-MW14-DUP	Total/NA	Water	8260B	
280-147236-7	F0069-GW-MW7	Total/NA	Water	8260B	
280-147236-8	F0069-GW-MW6	Total/NA	Water	8260B	
280-147236-9	F0069-GW-MW4	Total/NA	Water	8260B	
280-147236-10	F0069-GW-MW1	Total/NA	Water	8260B	
280-147236-11	F0069-GW-DW1	Total/NA	Water	8260B	
MB 280-533423/9	Method Blank	Total/NA	Water	8260B	
LCS 280-533423/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 280-533423/5	Lab Control Sample Dup	Total/NA	Water	8260B	
280-147236-7 MS	F0069-GW-MW7	Total/NA	Water	8260B	
280-147236-7 MSD	F0069-GW-MW7	Total/NA	Water	8260B	

# Lab Chronicle

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-TB02**

**Lab Sample ID: 280-147236-1**

Date Collected: 04/08/21 08:42

Matrix: Water

Date Received: 04/09/21 07:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	532734	04/16/21 10:33	TAW	TAL DEN

**Client Sample ID: F0069-EB02**

**Lab Sample ID: 280-147236-2**

Date Collected: 04/08/21 08:59

Matrix: Water

Date Received: 04/09/21 07:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	532734	04/16/21 10:56	TAW	TAL DEN

**Client Sample ID: F0069-GW-MW2**

**Lab Sample ID: 280-147236-3**

Date Collected: 04/08/21 09:40

Matrix: Water

Date Received: 04/09/21 07:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	5 mL	5 mL	533147	04/20/21 17:44	TAW	TAL DEN

**Client Sample ID: F0069-GW-MW10**

**Lab Sample ID: 280-147236-4**

Date Collected: 04/08/21 09:50

Matrix: Water

Date Received: 04/09/21 07:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	533423	04/22/21 04:15	PP	TAL DEN

**Client Sample ID: F0069-GW-MW14**

**Lab Sample ID: 280-147236-5**

Date Collected: 04/08/21 11:10

Matrix: Water

Date Received: 04/09/21 07:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2000	5 mL	5 mL	533423	04/22/21 04:38	PP	TAL DEN

**Client Sample ID: F0069-GW-MW14-DUP**

**Lab Sample ID: 280-147236-6**

Date Collected: 04/08/21 11:10

Matrix: Water

Date Received: 04/09/21 07:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2000	5 mL	5 mL	533423	04/22/21 05:01	PP	TAL DEN

**Client Sample ID: F0069-GW-MW7**

**Lab Sample ID: 280-147236-7**

Date Collected: 04/08/21 11:36

Matrix: Water

Date Received: 04/09/21 07:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2000	5 mL	5 mL	533423	04/22/21 05:24	PP	TAL DEN

# Lab Chronicle

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

**Client Sample ID: F0069-GW-MW6**

**Lab Sample ID: 280-147236-8**

Date Collected: 04/08/21 12:50

Matrix: Water

Date Received: 04/09/21 07:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1000	5 mL	5 mL	533423	04/22/21 06:33	PP	TAL DEN

**Client Sample ID: F0069-GW-MW4**

**Lab Sample ID: 280-147236-9**

Date Collected: 04/08/21 14:26

Matrix: Water

Date Received: 04/09/21 07:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	5 mL	5 mL	533423	04/22/21 06:57	PP	TAL DEN

**Client Sample ID: F0069-GW-MW1**

**Lab Sample ID: 280-147236-10**

Date Collected: 04/08/21 14:15

Matrix: Water

Date Received: 04/09/21 07:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	5 mL	5 mL	533423	04/22/21 07:20	PP	TAL DEN

**Client Sample ID: F0069-GW-DW1**

**Lab Sample ID: 280-147236-11**

Date Collected: 04/08/21 15:44

Matrix: Water

Date Received: 04/09/21 07:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	5 mL	5 mL	533423	04/22/21 07:44	PP	TAL DEN

**Laboratory References:**

TAL DEN = Eurofins TestAmerica, Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

# Accreditation/Certification Summary

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

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## Laboratory: Eurofins TestAmerica, Denver

The accreditations/certifications listed below are applicable to this report.

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<b>Authority</b>	<b>Program</b>	<b>Identification Number</b>	<b>Expiration Date</b>
Arkansas DEQ	State	19-047-0	06-01-21

# Method Summary

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

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<b>Method</b>	<b>Method Description</b>	<b>Protocol</b>	<b>Laboratory</b>
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL DEN
5030B	Purge and Trap	SW846	TAL DEN

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL DEN = Eurofins TestAmerica, Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

# Sample Summary

Client: Toeroek Associates, Inc  
Project/Site: Detrex

Job ID: 280-147236-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
280-147236-1	F0069-TB02	Water	04/08/21 08:42	04/09/21 07:33	
280-147236-2	F0069-EB02	Water	04/08/21 08:59	04/09/21 07:33	
280-147236-3	F0069-GW-MW2	Water	04/08/21 09:40	04/09/21 07:33	
280-147236-4	F0069-GW-MW10	Water	04/08/21 09:50	04/09/21 07:33	
280-147236-5	F0069-GW-MW14	Water	04/08/21 11:10	04/09/21 07:33	
280-147236-6	F0069-GW-MW14-DUP	Water	04/08/21 11:10	04/09/21 07:33	
280-147236-7	F0069-GW-MW7	Water	04/08/21 11:36	04/09/21 07:33	
280-147236-8	F0069-GW-MW6	Water	04/08/21 12:50	04/09/21 07:33	
280-147236-9	F0069-GW-MW4	Water	04/08/21 14:26	04/09/21 07:33	
280-147236-10	F0069-GW-MW1	Water	04/08/21 14:15	04/09/21 07:33	
280-147236-11	F0069-GW-DW1	Water	04/08/21 15:44	04/09/21 07:33	

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P Analysis Batch Number: 527052Lab Sample ID: STD005 280-527052/13 IC Client Sample ID: \_\_\_\_\_Date Analyzed: 02/23/21 11:21 Lab File ID: P1323.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2-Dichloropropane	4.03	Peak Tail	seifertj	02/23/21 12:20
Isobutyl alcohol	4.53	Wrong peak	seifertj	02/23/21 14:10
1,2-Dichloroethane	4.69	Assign Peak	seifertj	02/23/21 12:28
Bromoform	8.16	Assign Peak	seifertj	02/23/21 12:21
trans-1,4-Dichloro-2-butene	8.63	Assign Peak	seifertj	02/23/21 12:21
1,3-Dichlorobenzene	9.52	Peak assignment corrected	seifertj	02/24/21 14:18
1,4-Dichlorobenzene	9.63	Peak assignment corrected	seifertj	02/24/21 14:17
Bromomethane		Invalid Compound ID	seifertj	02/23/21 13:43
Chloroethane		Invalid Compound ID	seifertj	02/23/21 15:39
Chloromethane		Invalid Compound ID	seifertj	02/23/21 13:43
Dichlorodifluoromethane		Invalid Compound ID	seifertj	02/23/21 13:43
Hexachlorobutadiene	11.72	Assign Peak	seifertj	02/23/21 12:28

Lab Sample ID: STD010 280-527052/14 IC Client Sample ID: \_\_\_\_\_Date Analyzed: 02/23/21 11:44 Lab File ID: P1324.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.70	Peak Tail	seifertj	02/24/21 14:32
Bromomethane	2.06	Peak Tail	seifertj	02/23/21 12:26
Isobutyl alcohol	4.53	Wrong peak	seifertj	02/23/21 14:10
1,2-Dichloroethane	4.69	Assign Peak	seifertj	02/23/21 12:27
1,3-Dichlorobenzene	9.52	Wrong peak	seifertj	02/24/21 14:17
1,4-Dichlorobenzene	9.63	Wrong peak	seifertj	02/24/21 14:17
Hexachlorobutadiene	11.72	Assign Peak	seifertj	02/23/21 12:27

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P Analysis Batch Number: 527052Lab Sample ID: STD020 280-527052/15 IC Client Sample ID: \_\_\_\_\_Date Analyzed: 02/23/21 12:07 Lab File ID: P1325.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.70	Wrong peak	seifertj	02/24/21 08:43
Bromomethane	2.06	Peak Tail	seifertj	02/23/21 15:05
Isobutyl alcohol	4.52	Wrong peak	seifertj	02/23/21 14:09
1,3-Dichlorobenzene	9.52	Wrong peak	seifertj	02/24/21 14:17
1,4-Dichlorobenzene	9.63	Wrong peak	seifertj	02/24/21 14:17

Lab Sample ID: STD050 280-527052/16 IC Client Sample ID: \_\_\_\_\_Date Analyzed: 02/23/21 12:31 Lab File ID: P1326.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.70	Wrong peak	seifertj	02/24/21 08:42
Bromomethane	2.06	Peak Tail	seifertj	02/23/21 15:04
Isobutyl alcohol	4.53	Wrong peak	seifertj	02/23/21 14:09
1,3-Dichlorobenzene	9.52	Wrong peak	seifertj	02/24/21 14:16
1,4-Dichlorobenzene	9.63	Wrong peak	seifertj	02/24/21 14:15

Lab Sample ID: STD10 280-527052/17 IC Client Sample ID: \_\_\_\_\_Date Analyzed: 02/23/21 12:54 Lab File ID: P1327.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.70	Wrong peak	seifertj	02/24/21 08:42
Bromomethane	2.06	Peak Tail	seifertj	02/23/21 15:06
Isobutyl alcohol	4.53	Wrong peak	seifertj	02/23/21 14:08
1,3-Dichlorobenzene	9.52	Assign Peak	seifertj	02/24/21 14:16
1,4-Dichlorobenzene	9.63	Assign Peak	seifertj	02/24/21 14:16

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P Analysis Batch Number: 527052Lab Sample ID: ICIS 280-527052/18 Client Sample ID: \_\_\_\_\_Date Analyzed: 02/23/21 13:17 Lab File ID: P1328.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.70	Wrong peak	seifertj	02/24/21 08:40
Bromomethane	2.06	Peak Tail	seifertj	02/23/21 15:06
Isobutyl alcohol	4.53	Wrong peak	seifertj	02/23/21 14:08
1,3-Dichlorobenzene	9.52	Wrong peak	seifertj	02/24/21 14:12
1,4-Dichlorobenzene	9.63	Wrong peak	seifertj	02/24/21 14:12

Lab Sample ID: STD100 280-527052/20 IC Client Sample ID: \_\_\_\_\_Date Analyzed: 02/23/21 14:03 Lab File ID: P1330.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.70	Wrong peak	seifertj	02/24/21 08:44
1,3-Dichlorobenzene	9.52	Wrong peak	seifertj	02/24/21 14:14
1,4-Dichlorobenzene	9.63	Wrong peak	seifertj	02/24/21 14:14

Lab Sample ID: STD200 280-527052/21 IC Client Sample ID: \_\_\_\_\_Date Analyzed: 02/23/21 14:26 Lab File ID: P1331.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.70	Wrong peak	seifertj	02/24/21 08:44
1,3-Dichlorobenzene	9.52	Wrong peak	seifertj	02/24/21 14:15
1,4-Dichlorobenzene	9.63	Wrong peak	seifertj	02/24/21 14:14

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P Analysis Batch Number: 527052

Lab Sample ID: STD75 280-527052/19 IC Client Sample ID: \_\_\_\_\_

Date Analyzed: 02/23/21 15:12 Lab File ID: P1333.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.70	Wrong peak	seifertj	02/24/21 08:44
1,3-Dichlorobenzene	9.52	Wrong peak	seifertj	02/24/21 14:13
1,4-Dichlorobenzene	9.63	Wrong peak	seifertj	02/24/21 14:14

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P Analysis Batch Number: 531966Lab Sample ID: STD005 280-531966/17 IC Client Sample ID: \_\_\_\_\_Date Analyzed: 04/09/21 10:19 Lab File ID: P2868.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.54	Assign Peak	seifertj	04/09/21 11:18
Chloromethane	1.71	Assign Peak	seifertj	04/09/21 11:19
Vinyl chloride	1.80	Assign Peak	seifertj	04/09/21 11:19
Chloroethane	2.15	Assign Peak	seifertj	04/09/21 11:18
1,1,2-Trichlorotrifluoroethane	2.75	Assign Peak	seifertj	04/09/21 11:18
Iodomethane	2.87	Assign Peak	seifertj	04/09/21 11:15
1,1-Dichloroethane	3.62	Assign Peak	seifertj	04/09/21 11:16
2,2-Dichloropropane	4.03	Assign Peak	seifertj	04/09/21 11:18
Chlorobromomethane	4.20	Assign Peak	seifertj	04/09/21 11:16
Tetrahydrofuran	4.21	Assign Peak	seifertj	04/09/21 11:16
1,1-Dichloropropene	4.51	Assign Peak	seifertj	04/09/21 11:18
1,2-Dichloroethane	4.69	Assign Peak	seifertj	04/09/21 11:19
1,2-Dichloropropane	5.35	Assign Peak	seifertj	04/09/21 11:17
Dibromomethane	5.42	Assign Peak	seifertj	04/09/21 11:17
cis-1,3-Dichloropropene	5.89	Assign Peak	seifertj	04/09/21 11:17
4-Methyl-2-pentanone (MIBK)	5.99	Wrong peak	seifertj	04/09/21 11:46
trans-1,3-Dichloropropene	6.36	Assign Peak	seifertj	04/09/21 11:17
Chlorodibromomethane	6.87	Assign Peak	seifertj	04/09/21 11:17
Bromoform	8.16	Assign Peak	seifertj	04/09/21 11:19
N-Propylbenzene	8.70	Assign Peak	seifertj	04/09/21 11:17
tert-Butylbenzene	9.19	Assign Peak	seifertj	04/09/21 11:17
2-Butanone (MEK)		Invalid Compound ID	seifertj	04/09/21 13:20
Acetone		Invalid Compound ID	seifertj	04/09/21 13:16
Isobutyl alcohol		Invalid Compound ID	seifertj	04/09/21 11:16
sec-Butyl Alcohol		Invalid Compound ID	seifertj	04/09/21 11:16
1,2-Dibromo-3-Chloropropane	10.76	Assign Peak	seifertj	04/09/21 11:18
Hexachlorobutadiene	11.72	Assign Peak	seifertj	04/09/21 11:19
Naphthalene	11.85	Assign Peak	seifertj	04/09/21 11:18

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P Analysis Batch Number: 531966Lab Sample ID: STD010 280-531966/18 IC Client Sample ID: \_\_\_\_\_Date Analyzed: 04/09/21 10:42 Lab File ID: P2869.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.54	Assign Peak	seifertj	04/09/21 11:20
Chloroethane	2.16	Assign Peak	seifertj	04/09/21 11:20
1,1,2-Trichlorotrifluoroethane	2.76	Assign Peak	seifertj	04/09/21 11:20
2,2-Dichloropropane	4.03	Assign Peak	seifertj	04/09/21 11:20
Cyclohexane	4.46	Assign Peak	seifertj	04/09/21 11:21
1,1-Dichloropropene	4.51	Assign Peak	seifertj	04/09/21 11:21
1,2-Dichloroethane	4.69	Assign Peak	seifertj	04/09/21 11:21
4-Methyl-2-pentanone (MIBK)	6.00	Wrong peak	seifertj	04/09/21 11:45
Bromoform	8.16	Assign Peak	seifertj	04/09/21 11:21
trans-1,4-Dichloro-2-butene	8.64	Assign Peak	seifertj	04/09/21 11:22
Hexachlorobutadiene	11.73	Assign Peak	seifertj	04/09/21 11:21

Lab Sample ID: STD020 280-531966/19 IC Client Sample ID: \_\_\_\_\_Date Analyzed: 04/09/21 11:05 Lab File ID: P2870.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isobutyl alcohol	4.53	Wrong peak	seifertj	04/09/21 11:47
1,2-Dichloroethane	4.69	Assign Peak	seifertj	04/09/21 11:45
4-Methyl-2-pentanone (MIBK)	6.00	Wrong peak	seifertj	04/09/21 11:45
trans-1,4-Dichloro-2-butene	8.63	Assign Peak	seifertj	04/09/21 16:24

Lab Sample ID: STD050 280-531966/20 IC Client Sample ID: \_\_\_\_\_Date Analyzed: 04/09/21 11:28 Lab File ID: P2871.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isobutyl alcohol	4.52	Wrong peak	seifertj	04/09/21 11:47
4-Methyl-2-pentanone (MIBK)	5.99	Wrong peak	seifertj	04/09/21 13:14

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P Analysis Batch Number: 531966Lab Sample ID: STD10 280-531966/21 IC Client Sample ID: \_\_\_\_\_Date Analyzed: 04/09/21 11:51 Lab File ID: P2872.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
sec-Butyl Alcohol	4.11	Wrong peak	seifertj	04/09/21 12:25
Isobutyl alcohol	4.53	Wrong peak	seifertj	04/09/21 13:18
4-Methyl-2-pentanone (MIBK)	6.00	Wrong peak	seifertj	04/09/21 12:26

Lab Sample ID: ICIS 280-531966/22 Client Sample ID: \_\_\_\_\_Date Analyzed: 04/09/21 12:14 Lab File ID: P2873.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isobutyl alcohol	4.53	Wrong peak	seifertj	04/09/21 13:13

Lab Sample ID: STD75 280-531966/23 IC Client Sample ID: \_\_\_\_\_Date Analyzed: 04/09/21 12:37 Lab File ID: P2874.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isobutyl alcohol	4.52	Wrong peak	seifertj	04/09/21 13:17

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P Analysis Batch Number: 533423Lab Sample ID: 280-147236-7 MS Client Sample ID: F0069-GW-MW7 MSDate Analyzed: 04/22/21 05:47 Lab File ID: P3432.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)	4.00	Peak assignment corrected	petuninp	04/22/21 17:33

Lab Sample ID: 280-147236-8 Client Sample ID: F0069-GW-MW6Date Analyzed: 04/22/21 06:33 Lab File ID: P3434.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide		Invalid Compound ID	petuninp	04/22/21 17:36

Lab Sample ID: 280-147236-9 Client Sample ID: F0069-GW-MW4Date Analyzed: 04/22/21 06:57 Lab File ID: P3435.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide		Invalid Compound ID	petuninp	04/22/21 17:36

Lab Sample ID: 280-147236-10 Client Sample ID: F0069-GW-MW1Date Analyzed: 04/22/21 07:20 Lab File ID: P3436.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide		Invalid Compound ID	petuninp	04/22/21 17:36

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 Analysis Batch Number: 522238Lab Sample ID: IC 280-522238/20 Client Sample ID: \_\_\_\_\_Date Analyzed: 12/30/20 22:18 Lab File ID: R2294.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrahydrothiophene		Invalid Compound ID	sumichras tr	12/30/20 23:28

Lab Sample ID: IC 280-522238/21 Client Sample ID: \_\_\_\_\_Date Analyzed: 12/30/20 22:41 Lab File ID: R2295.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrahydrothiophene		Invalid Compound ID	sumichras tr	12/30/20 23:24

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 Analysis Batch Number: 531788Lab Sample ID: IC 280-531788/19 Client Sample ID: \_\_\_\_\_Date Analyzed: 04/07/21 19:26 Lab File ID: R4716.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon tetrachloride	4.64	Split Peak	wickhamt	04/08/21 07:26

Lab Sample ID: IC 280-531788/20 Client Sample ID: \_\_\_\_\_Date Analyzed: 04/07/21 19:49 Lab File ID: R4717.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Heptane	4.96	Assign Peak	wickhamt	04/08/21 05:43

Lab Sample ID: IC 280-531788/21 Client Sample ID: \_\_\_\_\_Date Analyzed: 04/07/21 20:12 Lab File ID: R4718.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichlorotrifluoroethane	2.87	Assign Peak	wickhamt	04/08/21 05:44
Methyl acetate	3.12	Assign Peak	wickhamt	04/08/21 05:44
Methylene Chloride	3.23	Assign Peak	wickhamt	04/08/21 05:44
2,2-Dichloropropane	4.16	Assign Peak	wickhamt	04/08/21 05:44
Tetrahydrofuran	4.33	Assign Peak	wickhamt	04/08/21 05:44
n-Heptane	4.96	Assign Peak	wickhamt	04/08/21 05:45
1,2-Dichloropropane	5.47	Assign Peak	wickhamt	04/08/21 05:45
1,4-Dioxane	5.51	Assign Peak	wickhamt	04/08/21 05:45
Hexachlorobutadiene	11.85	Assign Peak	wickhamt	04/08/21 05:45

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 Analysis Batch Number: 532734

Lab Sample ID: MB 280-532734/10 Client Sample ID: \_\_\_\_\_

Date Analyzed: 04/16/21 10:10 Lab File ID: R5094.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone		Invalid Compound ID	wickhamt	04/16/21 10:28

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 Analysis Batch Number: 533108Lab Sample ID: IC 280-533108/23 Client Sample ID: \_\_\_\_\_Date Analyzed: 04/19/21 21:35 Lab File ID: R5183.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Heptane	4.96	Assign Peak	wickhamt	04/20/21 06:29
1,3-Dichlorobenzene	9.66	Assign Peak	wickhamt	04/20/21 06:30

Lab Sample ID: IC 280-533108/24 Client Sample ID: \_\_\_\_\_Date Analyzed: 04/19/21 21:58 Lab File ID: R5184.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2-Dichloropropane	4.15	Analyst error	wickhamt	04/20/21 06:30
sec-Butyl Alcohol	4.22	Analyst error	wickhamt	04/20/21 06:30
n-Heptane	4.97	Analyst error	wickhamt	04/20/21 06:31

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 Analysis Batch Number: 533147

Lab Sample ID: MB 280-533147/10 Client Sample ID: \_\_\_\_\_

Date Analyzed: 04/20/21 11:32 Lab File ID: R5194.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone		Invalid Compound ID	wickhamt	04/20/21 11:57

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration						
					Reagent ID	Volume Added								
mv-Cent BFB_00002							1,2-Dichloroethene, Total							
							1,2-Dichloroethene, Total (URS)							
							1,3-Dichloropropene, Total							
							TAH							
							Tentatively Identified Compound							
							Total BTEX							
							Trihalomethanes, Total							
							Xylenes, Total							
					mv-IS/SS Tune 00001	10 mL	BFB	50 ug/mL						
.mv-IS/SS Tune 00001	11/30/23		Restek, Lot A0143593				(Purchased Reagent)	BFB	250 ug/mL					
mv-Cent BFB_00003							1,2-Dichloroethene, Total							
							1,3-Dichloropropene, Total							
							TAH							
							Tentatively Identified Compound							
							Total BTEX							
							Trihalomethanes, Total							
							Xylenes, Total							
												mv-IS/SS Tune 00001	10 mL	BFB
.mv-IS/SS Tune 00001	11/30/23		Restek, Lot A0143593				(Purchased Reagent)	BFB	250 ug/mL					
mv-Cent IS_00006	07/31/23	02/24/20	P&T Methanol, Lot 1996628	5 mL	MV-568718-D_00016	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL						
							Chlorobenzene-d5	50 ug/mL						
							Fluorobenzene	50 ug/mL						
.MV-568718-D_00016	07/31/23		RESTEK, Lot A0139459				(Purchased Reagent)	1,4-Dichlorobenzene-d4	250 ug/mL					
								Chlorobenzene-d5	250 ug/mL					
								Fluorobenzene	250 ug/mL					
MV-Gas A_00081	02/28/21	02/10/21	P&T Methanol, Lot 198123	12.5 mL	MV-569722_00012	1250 uL	Bromomethane	250 ug/mL						
							Chloroethane	250 ug/mL						
							Chloromethane	250 ug/mL						
							Dichlorodifluoromethane	250 ug/mL						
							Dichlorofluoromethane	250 ug/mL						
					Trichlorofluoromethane	250 ug/mL								
												Vinyl chloride	250 ug/mL	
													2-Chloroethyl vinyl ether	250 ug/mL
					.MV-569722_00012	03/31/23		RESTEK, Lot A0159085				(Purchased Reagent)	Bromomethane	2500 ug/mL
													Chloroethane	2500 ug/mL
								Chloromethane	2500 ug/mL					
								Dichlorodifluoromethane	2500 ug/mL					
								Dichlorofluoromethane	2500 ug/mL					
								Trichlorofluoromethane	2500 ug/mL					
								Vinyl chloride	2500 ug/mL					
.MV-569723_00007	02/28/22		RESTEK, Lot A0158872				(Purchased Reagent)	2-Chloroethyl vinyl ether	2500 ug/mL					

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
<b>MV-Gas A_00085</b>	04/29/21	03/29/21	P&T Methanol, Lot 198123	12.5 mL	MV-569722_00012	1250 uL	Bromomethane	250 ug/mL
							Chloroethane	250 ug/mL
							Chloromethane	250 ug/mL
							Dichlorodifluoromethane	250 ug/mL
							Dichlorofluoromethane	250 ug/mL
							Trichlorofluoromethane	250 ug/mL
Vinyl chloride	250 ug/mL							
.MV-569722_00012	03/31/23		RESTEK, Lot A0159085		MV-569723_00007	1250 uL	2-Chloroethyl vinyl ether	250 ug/mL
							Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
Trichlorofluoromethane	2500 ug/mL							
.MV-569723_00007	02/28/22		RESTEK, Lot A0158872				Vinyl chloride	2500 ug/mL
							2-Chloroethyl vinyl ether	2500 ug/mL
<b>MV-Gas B_00088</b>	04/16/21	03/21/21	P&T Methanol, Lot 198123	12.5 mL	MV-569722.sec_00010	1250 uL	Bromomethane	250 ug/mL
							Chloroethane	250 ug/mL
							Chloromethane	250 ug/mL
							Dichlorodifluoromethane	250 ug/mL
							Trichlorofluoromethane	250 ug/mL
							Vinyl chloride	250 ug/mL
.MV-569722.sec_00010	10/31/21		RESTEK, Lot A0142594				Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
<b>MV-Gas B_00089</b>	04/23/21	04/17/21	P&T Methanol, Lot 198123	12.5 mL	MV-569722.sec_00010	1250 uL	Bromomethane	250 ug/mL
							Chloroethane	250 ug/mL
							Chloromethane	250 ug/mL
							Dichlorodifluoromethane	250 ug/mL
							Trichlorofluoromethane	250 ug/mL
							Vinyl chloride	250 ug/mL
.MV-569722.sec_00010	10/31/21		RESTEK, Lot A0142594				Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
<b>mv-IS_SS_00010</b>	03/25/21	09/25/20	P&T Methanol, Lot 198123	100 mL	mv-30241_00008	2000 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Denver

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MV-567650_00028	2000 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.mv-30241_00008	10/31/22		Restek, Lot A0131578		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
.MV-567650_00028	11/30/22		Restek, Lot A0132615		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
<b>mv-IS_SS_00013</b>	12/31/20	11/09/20	P&T Methanol, Lot 198123	25 mL	mv-570812_00001	5 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							1,4-Dichlorobenzene-d4	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Fluorobenzene	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.mv-570812_00001	10/31/22		Restek, Lot A0131478		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							1,4-Dichlorobenzene-d4	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Fluorobenzene	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
<b>mv-IS_SS_00017</b>	06/03/21	01/22/21	P&T Methanol, Lot 198123	50 mL	mv-30241_00008	1000 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
					MV-567650_00028	1000 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.mv-30241_00008	10/31/22		Restek, Lot A0131578		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
.MV-567650_00028	11/30/22		Restek, Lot A0132615		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
<b>mv-IS_SS_00018</b>	08/27/21	02/27/21	P&T Methanol, Lot 198123	50 mL	mv-30241_00008	1000 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
					MV-567650_00028	1000 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL

REAGENT TRACEABILITY SUMMARY

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration				
					Reagent ID	Volume Added						
							Dibromofluoromethane (Surr)	50 ug/mL				
							Toluene-d8 (Surr)	50 ug/mL				
.mv-30241_00008	10/31/22		Restek, Lot A0131578		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL				
							Chlorobenzene-d5	2500 ug/mL				
							Fluorobenzene	2500 ug/mL				
.MV-567650_00028	11/30/22		Restek, Lot A0132615		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL				
							4-Bromofluorobenzene (Surr)	2500 ug/mL				
							Dibromofluoromethane (Surr)	2500 ug/mL				
							Toluene-d8 (Surr)	2500 ug/mL				
MV-MegaMain B_00045	05/07/21	04/07/21	P&T Methanol, Lot 181124	25 mL	MV-569721.sec_00006	800 uL	2-Butanone (MEK)	400 ug/mL				
							2-Hexanone	400 ug/mL				
							4-Methyl-2-pentanone (MIBK)	400 ug/mL				
											Acetone	400 ug/mL
									MV-571992.sec_00005	1000 uL	1,1,1-Trichloroethane	100 ug/mL
											1,1,2,2-Tetrachloroethane	100 ug/mL
											1,1,2-Trichloroethane	100 ug/mL
											1,1,2-Trichlorotrifluoroethane	100 ug/mL
											1,1-Dichloroethane	100 ug/mL
											1,1-Dichloroethene	100 ug/mL
											1,2,3-Trichlorobenzene	100 ug/mL
											1,2,4-Trichlorobenzene	100 ug/mL
											1,2-Dibromo-3-Chloropropane	100 ug/mL
											1,2-Dibromoethane	100 ug/mL
											1,2-Dichlorobenzene	100 ug/mL
											1,2-Dichloroethane	100 ug/mL
											1,2-Dichloropropane	100 ug/mL
											1,3-Dichlorobenzene	100 ug/mL
											1,4-Dichlorobenzene	100 ug/mL
											1,4-Dioxane	2000 ug/mL
											Benzene	100 ug/mL
											Bromoform	100 ug/mL
											Carbon disulfide	100 ug/mL
											Carbon tetrachloride	100 ug/mL
											Chlorobenzene	100 ug/mL
											Chlorobromomethane	100 ug/mL
											Chlorodibromomethane	100 ug/mL
											Chloroform	100 ug/mL
											cis-1,2-Dichloroethene	100 ug/mL
											cis-1,3-Dichloropropene	100 ug/mL
											Cyclohexane	100 ug/mL
									Dichlorobromomethane	100 ug/mL		
									Ethylbenzene	100 ug/mL		
				Isopropylbenzene	100 ug/mL							
				m-Xylene & p-Xylene	100 ug/mL							
				Methyl acetate	200 ug/mL							
				Methyl tert-butyl ether	100 ug/mL							
				Methylcyclohexane	100 ug/mL							

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	100 ug/mL
							o-Xylene	100 ug/mL
							Styrene	100 ug/mL
							Tetrachloroethene	100 ug/mL
							Toluene	100 ug/mL
							trans-1,2-Dichloroethene	100 ug/mL
							trans-1,3-Dichloropropene	100 ug/mL
							Trichloroethene	100 ug/mL
.MV-569721.sec_00006	08/31/21		RESTEK, Lot A0140519			(Purchased Reagent)	2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.MV-571992.sec_00005	06/30/21		RESTEK, Lot A0144202			(Purchased Reagent)	1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1,2-Trichlorotrifluoroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
MV-MegaMainA_00046	08/09/21	02/09/21	P&T Methanol, Lot 181124	25 mL	MV-568720_00033	1250 uL	Acrolein	987.5 ug/mL
					MV-569721_00008	800 uL	2-Butanone (MEK)	400 ug/mL
							2-Hexanone	400 ug/mL
							4-Methyl-2-pentanone (MIBK)	400 ug/mL
							Acetone	400 ug/mL
					MV-569724_00025	1000 uL	Vinyl acetate	200 ug/mL
					MV-569727_00010	4000 uL	Cyclohexanone	4000 ug/mL
					MV-571992_00004	1000 uL	1,1,1,2-Tetrachloroethane	100 ug/mL
							1,1,1-Trichloroethane	100 ug/mL
							1,1,2,2-Tetrachloroethane	100 ug/mL
							1,1,2-Trichloroethane	100 ug/mL
							1,1,2-Trichlorotrifluoroethane	100 ug/mL
							1,1-Dichloroethane	100 ug/mL
							1,1-Dichloroethene	100 ug/mL
							1,1-Dichloropropene	100 ug/mL
							1,2,3-Trichlorobenzene	100 ug/mL
							1,2,3-Trichloropropane	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2,4-Trimethylbenzene	100 ug/mL
							1,2-Dibromo-3-Chloropropane	100 ug/mL
							1,2-Dibromoethane	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dichloroethane	100 ug/mL
							1,2-Dichloropropane	100 ug/mL
							1,3,5-Trimethylbenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dichloropropane	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	2000 ug/mL
							2,2-Dichloropropane	100 ug/mL
							2-Chlorotoluene	100 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							3-Chloro-1-propene	100 ug/mL
							4-Chlorotoluene	100 ug/mL
							4-Isopropyltoluene	100 ug/mL
							Acrylonitrile	1000 ug/mL
							Benzene	100 ug/mL
							Bromobenzene	100 ug/mL
							Bromoform	100 ug/mL
							Carbon disulfide	100 ug/mL
Carbon tetrachloride	100 ug/mL							

REAGENT TRACEABILITY SUMMARY

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	100 ug/mL
							Chlorobromomethane	100 ug/mL
							Chlorodibromomethane	100 ug/mL
							Chloroform	100 ug/mL
							cis-1,2-Dichloroethene	100 ug/mL
							cis-1,3-Dichloropropene	100 ug/mL
							Cyclohexane	100 ug/mL
							Dibromomethane	100 ug/mL
							Dichlorobromomethane	100 ug/mL
							Ethyl ether	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Ethylbenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexane	100 ug/mL
							Iodomethane	100 ug/mL
							Isobutyl alcohol	2500 ug/mL
							Isopropylbenzene	100 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	200 ug/mL
							Methyl tert-butyl ether	100 ug/mL
							Methylcyclohexane	100 ug/mL
							Methylene Chloride	100 ug/mL
							n-Butylbenzene	100 ug/mL
							n-Heptane	100 ug/mL
							N-Propylbenzene	100 ug/mL
							Naphthalene	100 ug/mL
							o-Xylene	100 ug/mL
							sec-Butylbenzene	100 ug/mL
							Styrene	100 ug/mL
							tert-Butylbenzene	100 ug/mL
							Tetrachloroethene	100 ug/mL
							Tetrahydrofuran	200 ug/mL
							Toluene	100 ug/mL
							trans-1,2-Dichloroethene	100 ug/mL
							trans-1,3-Dichloropropene	100 ug/mL
							trans-1,4-Dichloro-2-butene	100 ug/mL
							Trichloroethene	100 ug/mL
					MV-CUS17739_00005	2000 uL	1-Chlorohexane	80 ug/mL
							2-Pentanone	320 ug/mL
							sec-Butyl Alcohol	2400 ug/mL
.MV-568720_00033	04/30/21		RESTEK, Lot A0154578				(Purchased Reagent) Acrolein	19750 ug/mL
.MV-569721_00008	10/31/21		RESTEK, Lot A0143988				(Purchased Reagent) 2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.MV-569724_00025	07/31/21		RESTEK, Lot A0156559				(Purchased Reagent) Vinyl acetate	5000 ug/mL
.MV-569727_00010	03/31/22		RESTEK, Lot A0146650				(Purchased Reagent) Cyclohexanone	25000 ug/mL
.MV-571992_00004	06/30/21		RESTEK, Lot A0143774				(Purchased Reagent) 1,1,1,2-Tetrachloroethane	2500 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1,2-Trichlorotrifluoroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.MV-CUS17739_00005	12/31/21		Agilent, Lot 6503344			(Purchased Reagent)	1-Chlorohexane	1000 ug/mL
							2-Pentanone	4000 ug/mL
							sec-Butyl Alcohol	30000 ug/mL
<b>MV-MegaMainA_00047</b>	04/11/21	03/11/21	P&T Methanol, Lot 181124	25 mL	MV-568720_00033	1250 uL	Acrolein	987.5 ug/mL
					MV-569721_00008	800 uL	2-Butanone (MEK)	400 ug/mL
							2-Hexanone	400 ug/mL
							4-Methyl-2-pentanone (MIBK)	400 ug/mL
							Acetone	400 ug/mL
					MV-569724_00025	1000 uL	Vinyl acetate	200 ug/mL
					MV-569727_00010	4000 uL	Cyclohexanone	4000 ug/mL
					MV-571992_00004	1000 uL	1,1,1,2-Tetrachloroethane	100 ug/mL
							1,1,1-Trichloroethane	100 ug/mL
							1,1,2,2-Tetrachloroethane	100 ug/mL
							1,1,2-Trichloroethane	100 ug/mL
							1,1,2-Trichlorotrifluoroethane	100 ug/mL
							1,1-Dichloroethane	100 ug/mL
							1,1-Dichloroethene	100 ug/mL
							1,1-Dichloropropene	100 ug/mL
							1,2,3-Trichlorobenzene	100 ug/mL
							1,2,3-Trichloropropane	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2,4-Trimethylbenzene	100 ug/mL
							1,2-Dibromo-3-Chloropropane	100 ug/mL
							1,2-Dibromoethane	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	100 ug/mL
							1,2-Dichloropropane	100 ug/mL
							1,3,5-Trimethylbenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dichloropropane	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	2000 ug/mL
							2,2-Dichloropropane	100 ug/mL
							2-Chlorotoluene	100 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							3-Chloro-1-propene	100 ug/mL
							4-Chlorotoluene	100 ug/mL
							4-Isopropyltoluene	100 ug/mL
							Acrylonitrile	1000 ug/mL
							Benzene	100 ug/mL
							Bromobenzene	100 ug/mL
							Bromoform	100 ug/mL
							Carbon disulfide	100 ug/mL
							Carbon tetrachloride	100 ug/mL
							Chlorobenzene	100 ug/mL
							Chlorobromomethane	100 ug/mL
							Chlorodibromomethane	100 ug/mL
							Chloroform	100 ug/mL
							cis-1,2-Dichloroethene	100 ug/mL
							cis-1,3-Dichloropropene	100 ug/mL
							Cyclohexane	100 ug/mL
							Dibromomethane	100 ug/mL
							Dichlorobromomethane	100 ug/mL
							Ethyl ether	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Ethylbenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexane	100 ug/mL
							Iodomethane	100 ug/mL
							Isobutyl alcohol	2500 ug/mL
							Isopropylbenzene	100 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	200 ug/mL
							Methyl tert-butyl ether	100 ug/mL
							Methylcyclohexane	100 ug/mL
							Methylene Chloride	100 ug/mL
							n-Butylbenzene	100 ug/mL
							n-Heptane	100 ug/mL
							N-Propylbenzene	100 ug/mL
							Naphthalene	100 ug/mL
							o-Xylene	100 ug/mL
							sec-Butylbenzene	100 ug/mL
							Styrene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	100 ug/mL
							Tetrachloroethene	100 ug/mL
							Tetrahydrofuran	200 ug/mL
							Toluene	100 ug/mL
							trans-1,2-Dichloroethene	100 ug/mL
							trans-1,3-Dichloropropene	100 ug/mL
							trans-1,4-Dichloro-2-butene	100 ug/mL
							Trichloroethene	100 ug/mL
					MV-CUS17739_00005	2000 uL	1-Chlorohexane	80 ug/mL
							2-Pentanone	320 ug/mL
							sec-Butyl Alcohol	2400 ug/mL
.MV-568720_00033	04/30/21		RESTEK, Lot A0154578		(Purchased Reagent)		Acrolein	19750 ug/mL
.MV-569721_00008	10/31/21		RESTEK, Lot A0143988		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.MV-569724_00025	07/31/21		RESTEK, Lot A0156559		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
.MV-569727_00010	03/31/22		RESTEK, Lot A0146650		(Purchased Reagent)		Cyclohexanone	25000 ug/mL
.MV-571992_00004	06/30/21		RESTEK, Lot A0143774		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1,2-Trichlorotrifluoroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
tert-Butylbenzene	2500 ug/mL							
Tetrachloroethene	2500 ug/mL							
Tetrahydrofuran	5000 ug/mL							
Toluene	2500 ug/mL							
trans-1,2-Dichloroethene	2500 ug/mL							
trans-1,3-Dichloropropene	2500 ug/mL							
trans-1,4-Dichloro-2-butene	2500 ug/mL							
Trichloroethene	2500 ug/mL							
.MV-CUS17739_00005	12/31/21		Agilent, Lot 6503344		(Purchased Reagent)		1-Chlorohexane	1000 ug/mL
							2-Pentanone	4000 ug/mL
							sec-Butyl Alcohol	30000 ug/mL
MV-MegaMainA_00048	05/06/21	04/06/21	P&T Methanol, Lot 181124	25 mL	MV-568720_00033	1250 uL	Acrolein	987.5 ug/mL
					MV-569721_00008	800 uL	2-Butanone (MEK)	400 ug/mL
							2-Hexanone	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone (MIBK)	400 ug/mL
							Acetone	400 ug/mL
					MV-569724_00025	1000 uL	Vinyl acetate	200 ug/mL
					MV-569727_00010	4000 uL	Cyclohexanone	4000 ug/mL
					MV-571992_00004	1000 uL	1,1,1,2-Tetrachloroethane	100 ug/mL
							1,1,1-Trichloroethane	100 ug/mL
							1,1,2,2-Tetrachloroethane	100 ug/mL
							1,1,2-Trichloroethane	100 ug/mL
							1,1,2-Trichlorotrifluoroethane	100 ug/mL
							1,1-Dichloroethane	100 ug/mL
							1,1-Dichloroethene	100 ug/mL
							1,1-Dichloropropene	100 ug/mL
							1,2,3-Trichlorobenzene	100 ug/mL
							1,2,3-Trichloropropene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2,4-Trimethylbenzene	100 ug/mL
							1,2-Dibromo-3-Chloropropene	100 ug/mL
							1,2-Dibromoethane	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dichloroethane	100 ug/mL
							1,2-Dichloropropene	100 ug/mL
							1,3,5-Trimethylbenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dichloropropene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	2000 ug/mL
							2,2-Dichloropropene	100 ug/mL
							2-Chlorotoluene	100 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							3-Chloro-1-propene	100 ug/mL
							4-Chlorotoluene	100 ug/mL
							4-Isopropyltoluene	100 ug/mL
							Acrylonitrile	1000 ug/mL
							Benzene	100 ug/mL
							Bromobenzene	100 ug/mL
							Bromoform	100 ug/mL
							Carbon disulfide	100 ug/mL
							Carbon tetrachloride	100 ug/mL
							Chlorobenzene	100 ug/mL
							Chlorobromomethane	100 ug/mL
							Chlorodibromomethane	100 ug/mL
							Chloroform	100 ug/mL
							cis-1,2-Dichloroethene	100 ug/mL
							cis-1,3-Dichloropropene	100 ug/mL
							Cyclohexane	100 ug/mL
							Dibromomethane	100 ug/mL
							Dichlorobromomethane	100 ug/mL
							Ethyl ether	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl methacrylate	100 ug/mL
							Ethylbenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexane	100 ug/mL
							Iodomethane	100 ug/mL
							Isobutyl alcohol	2500 ug/mL
							Isopropylbenzene	100 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	200 ug/mL
							Methyl tert-butyl ether	100 ug/mL
							Methylcyclohexane	100 ug/mL
							Methylene Chloride	100 ug/mL
							n-Butylbenzene	100 ug/mL
							n-Heptane	100 ug/mL
							N-Propylbenzene	100 ug/mL
							Naphthalene	100 ug/mL
							o-Xylene	100 ug/mL
							sec-Butylbenzene	100 ug/mL
							Styrene	100 ug/mL
							tert-Butylbenzene	100 ug/mL
							Tetrachloroethene	100 ug/mL
							Tetrahydrofuran	200 ug/mL
							Toluene	100 ug/mL
							trans-1,2-Dichloroethene	100 ug/mL
							trans-1,3-Dichloropropene	100 ug/mL
							trans-1,4-Dichloro-2-butene	100 ug/mL
							Trichloroethene	100 ug/mL
					MV-CUS17739_00005	2000 uL	1-Chlorohexane	80 ug/mL
							2-Pentanone	320 ug/mL
							sec-Butyl Alcohol	2400 ug/mL
.MV-568720_00033	04/30/21		RESTEK, Lot A0154578		(Purchased Reagent)		Acrolein	19750 ug/mL
.MV-569721_00008	10/31/21		RESTEK, Lot A0143988		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.MV-569724_00025	07/31/21		RESTEK, Lot A0156559		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
.MV-569727_00010	03/31/22		RESTEK, Lot A0146650		(Purchased Reagent)		Cyclohexanone	25000 ug/mL
.MV-571992_00004	06/30/21		RESTEK, Lot A0143774		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1,2-Trichlorotrifluoroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.MV-CUS17739_00005	12/31/21		Agilent, Lot 6503344			(Purchased Reagent)	1-Chlorohexane	1000 ug/mL
							2-Pentanone	4000 ug/mL
							sec-Butyl Alcohol	30000 ug/mL
<b>MV-Supp A_00047</b>	12/31/20	11/01/20	P&T Methanol, Lot 199628	30 mL	mv-570808_00007	600 uL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					mv-570809_00007	600 uL	Ethyl acetate	100 ug/mL
							Methyl methacrylate	100 ug/mL
					mv-571993_00004	600 uL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					mv-571994_00004	900 uL	Ethanol	3000 ug/mL
					mv-VO-TAOH-5_00011	2500 uL	cis-1,4-Dichloro-2-butene	83.3333 ug/mL
							Ethylene oxide	4166.67 ug/mL
							Propene oxide	4166.67 ug/mL
							Tetrahydrothiophene	83.3333 ug/mL
.mv-570808_00007	05/31/21		Restek, Lot A0154734			(Purchased Reagent)	1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.mv-570809_00007	05/31/21		Restek, Lot A0156071			(Purchased Reagent)	Ethyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
.mv-571993_00004	01/31/21		RESTEK, Lot A0144915			(Purchased Reagent)	Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.mv-571994_00004	12/31/22		RESTEK, Lot A0156082			(Purchased Reagent)	Tert-butyl ethyl ether	2500 ug/mL
.mv-VO-TAOH-5_00011	03/01/21		SPEX, Lot CP200901024			(Purchased Reagent)	Ethanol	100000 ug/mL
							cis-1,4-Dichloro-2-butene	1000 ug/mL
							Ethylene oxide	50000 ug/mL
							Propene oxide	50000 ug/mL
							Tetrahydrothiophene	1000 ug/mL

# Method 8260B

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Volatile Organic Compounds (GC/MS)  
by Method 8260B

FORM II  
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Matrix: Water

Level: Low

GC Column (1): DB-624 (60. ID: 0.25 (mm))

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
F0069-TB02	280-147236-1	103	110	96	103
F0069-EB02	280-147236-2	104	107	97	103
F0069-GW-MW2	280-147236-3	112	108	86	97
F0069-GW-MW10	280-147236-4	100	101	99	99
F0069-GW-MW14	280-147236-5	99	99	99	96
F0069-GW-MW14-DUP	280-147236-6	99	99	100	98
F0069-GW-MW7	280-147236-7	98	97	100	98
F0069-GW-MW6	280-147236-8	98	98	100	98
F0069-GW-MW4	280-147236-9	98	99	99	98
F0069-GW-MW1	280-147236-10	99	99	100	97
F0069-GW-DW1	280-147236-11	98	99	100	96
	MB 280-532734/10	104	108	98	102
	MB 280-533147/10	103	103	95	99
	MB 280-533423/9	98	99	101	100
	LCS 280-532734/5	104	107	98	103
	LCS 280-533147/5	103	102	99	99
	LCS 280-533423/4	100	97	100	94
	LCSD 280-532734/6	104	106	98	103
	LCSD 280-533147/6	103	104	97	99
	LCSD 280-533423/5	100	97	100	96
F0069-GW-MW7 MS	280-147236-7 MS	99	97	100	94
F0069-GW-MW7 MSD	280-147236-7 MSD	101	99	99	95

DBFM = Dibromofluoromethane (Surr)  
DCA = 1,2-Dichloroethane-d4 (Surr)  
TOL = Toluene-d8 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)

QC LIMITS  
77-120  
70-127  
80-125  
78-120

# Column to be used to flag recovery values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low Lab File ID: R5091.D

Lab ID: LCS 280-532734/5 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	28.3	113	65-135	
1,1,2,2-Tetrachloroethane	25.0	27.0	108	58-135	
1,1,2-Trichloroethane	25.0	29.3	117	64-135	
1,1-Dichloroethane	25.0	29.9	119	65-135	
1,1-Dichloroethene	25.0	28.3	113	65-136	
1,2-Dibromo-3-Chloropropane	25.0	23.3	93	57-135	
1,2-Dichlorobenzene	25.0	25.9	104	65-135	
1,2-Dichloroethane	25.0	29.0	116	65-135	
1,2-Dichloropropane	25.0	30.0	120	64-135	
1,3-Dichlorobenzene	25.0	25.6	102	65-135	
1,4-Dichlorobenzene	25.0	25.1	100	65-135	
1,4-Dioxane	500	615	123	31-147	
2-Hexanone	100	118	118	57-139	
4-Methyl-2-pentanone (MIBK)	100	118	118	60-150	
Acetone	100	122	122	39-156	
Benzene	25.0	28.5	114	65-135	
Bromoform	25.0	23.3	93	62-135	
Bromomethane	25.0	21.3	85	45-135	
Carbon disulfide	25.0	26.4	106	55-143	
Carbon tetrachloride	25.0	27.7	111	65-135	
Chlorobenzene	25.0	26.4	106	65-135	
Chlorobromomethane	25.0	28.1	112	65-135	
Chlorodibromomethane	25.0	24.6	99	65-135	
Chloroethane	25.0	26.9	108	46-136	
Chloroform	25.0	29.4	118	65-135	
Chloromethane	25.0	23.0	92	34-145	
cis-1,2-Dichloroethene	25.0	28.3	113	65-135	
cis-1,3-Dichloropropene	25.0	27.5	110	65-135	
Dichlorobromomethane	25.0	28.0	112	65-135	
Dichlorodifluoromethane	25.0	22.6	90	43-142	
Ethylbenzene	25.0	26.2	105	65-135	
Isopropylbenzene	25.0	26.6	106	65-135	
Methylene Chloride	25.0	27.6	110	54-141	
m-Xylene & p-Xylene	25.0	26.7	107	65-135	
o-Xylene	25.0	27.1	108	65-135	
Styrene	25.0	27.5	110	65-135	
Tetrachloroethene	25.0	25.0	100	65-135	
Toluene	25.0	28.4	113	65-135	
trans-1,2-Dichloroethene	25.0	29.2	117	65-135	
trans-1,3-Dichloropropene	25.0	25.7	103	65-135	
Trichloroethene	25.0	26.6	107	65-135	
Trichlorofluoromethane	25.0	24.8	99	53-137	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: R5091.D  
 Lab ID: LCS 280-532734/5 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Vinyl chloride	25.0	25.3	101	40-137	
2-Butanone (MEK)	100	129	129	44-177	
1,2-Dibromoethane	25.0	27.2	109	65-135	
Methyl tert-butyl ether	25.0	29.6	118	54-135	
1,1,2-Trichlorotrifluoroethane	25.0	26.7	107	65-140	
1,2,3-Trichlorobenzene	25.0	23.8	95	60-135	
1,2,4-Trichlorobenzene	25.0	24.5	98	58-135	
Cyclohexane	25.0	28.1	112	62-135	
Methyl acetate	50.0	63.1	126	52-135	
Methylcyclohexane	25.0	26.3	105	63-135	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low Lab File ID: R5189.D

Lab ID: LCS 280-533147/5 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	25.7	103	65-135	
1,1,2,2-Tetrachloroethane	25.0	24.7	99	58-135	
1,1,2-Trichloroethane	25.0	26.2	105	64-135	
1,1-Dichloroethane	25.0	26.3	105	65-135	
1,1-Dichloroethene	25.0	26.1	104	65-136	
1,2-Dibromo-3-Chloropropane	25.0	23.8	95	57-135	
1,2-Dichlorobenzene	25.0	24.6	98	65-135	
1,2-Dichloroethane	25.0	24.6	98	65-135	
1,2-Dichloropropane	25.0	26.3	105	64-135	
1,3-Dichlorobenzene	25.0	24.3	97	65-135	
1,4-Dichlorobenzene	25.0	24.1	97	65-135	
1,4-Dioxane	500	560	112	31-147	
2-Hexanone	100	110	110	57-139	
4-Methyl-2-pentanone (MIBK)	100	116	116	60-150	
Acetone	100	102	102	39-156	
Benzene	25.0	25.9	104	65-135	
Bromoform	25.0	23.8	95	62-135	
Bromomethane	25.0	27.7	111	45-135	
Carbon disulfide	25.0	24.9	100	55-143	
Carbon tetrachloride	25.0	25.7	103	65-135	
Chlorobenzene	25.0	24.7	99	65-135	
Chlorobromomethane	25.0	26.5	106	65-135	
Chlorodibromomethane	25.0	26.3	105	65-135	
Chloroethane	25.0	26.8	107	46-136	
Chloroform	25.0	26.4	106	65-135	
Chloromethane	25.0	25.4	101	34-145	
cis-1,2-Dichloroethene	25.0	25.7	103	65-135	
cis-1,3-Dichloropropene	25.0	26.0	104	65-135	
Dichlorobromomethane	25.0	27.2	109	65-135	
Dichlorodifluoromethane	25.0	22.8	91	43-142	
Ethylbenzene	25.0	25.2	101	65-135	
Isopropylbenzene	25.0	25.0	100	65-135	
Methylene Chloride	25.0	24.5	98	54-141	
m-Xylene & p-Xylene	25.0	25.1	100	65-135	
o-Xylene	25.0	25.9	103	65-135	
Styrene	25.0	26.1	104	65-135	
Tetrachloroethene	25.0	24.7	99	65-135	
Toluene	25.0	25.7	103	65-135	
trans-1,2-Dichloroethene	25.0	25.3	101	65-135	
trans-1,3-Dichloropropene	25.0	26.7	107	65-135	
Trichloroethene	25.0	24.5	98	65-135	
Trichlorofluoromethane	25.0	24.1	96	53-137	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low Lab File ID: R5189.D

Lab ID: LCS 280-533147/5 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Vinyl chloride	25.0	24.8	99	40-137	
2-Butanone (MEK)	100	108	108	44-177	
1,2-Dibromoethane	25.0	25.3	101	65-135	
Methyl tert-butyl ether	25.0	26.7	107	54-135	
1,1,2-Trichlorotrifluoroethane	25.0	25.7	103	65-140	
1,2,3-Trichlorobenzene	25.0	25.0	100	60-135	
1,2,4-Trichlorobenzene	25.0	24.9	99	58-135	
Cyclohexane	25.0	24.9	99	62-135	
Methyl acetate	50.0	54.8	110	52-135	
Methylcyclohexane	25.0	24.9	100	63-135	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: P3412.D

Lab ID: LCS 280-533423/4

Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	26.5	106	65-135	
1,1,2,2-Tetrachloroethane	25.0	25.3	101	58-135	
1,1,2-Trichloroethane	25.0	26.2	105	64-135	
1,1-Dichloroethane	25.0	26.0	104	65-135	
1,1-Dichloroethene	25.0	25.7	103	65-136	
1,2-Dibromo-3-Chloropropane	25.0	25.7	103	57-135	
1,2-Dichlorobenzene	25.0	26.3	105	65-135	
1,2-Dichloroethane	25.0	24.0	96	65-135	
1,2-Dichloropropane	25.0	25.1	100	64-135	
1,3-Dichlorobenzene	25.0	26.7	107	65-135	
1,4-Dichlorobenzene	25.0	26.1	104	65-135	
1,4-Dioxane	500	567	113	31-147	
2-Hexanone	100	109	109	57-139	
4-Methyl-2-pentanone (MIBK)	100	108	108	60-150	
Acetone	100	107	107	39-156	
Benzene	25.0	26.1	104	65-135	
Bromoform	25.0	24.3	97	62-135	
Bromomethane	25.0	24.8	99	45-135	
Carbon disulfide	25.0	25.5	102	55-143	
Carbon tetrachloride	25.0	25.1	100	65-135	
Chlorobenzene	25.0	26.1	104	65-135	
Chlorobromomethane	25.0	27.2	109	65-135	
Chlorodibromomethane	25.0	25.0	100	65-135	
Chloroethane	25.0	26.0	104	46-136	
Chloroform	25.0	25.6	102	65-135	
Chloromethane	25.0	22.0	88	34-145	
cis-1,2-Dichloroethene	25.0	25.5	102	65-135	
cis-1,3-Dichloropropene	25.0	25.5	102	65-135	
Dichlorobromomethane	25.0	26.3	105	65-135	
Dichlorodifluoromethane	25.0	26.4	105	43-142	
Ethylbenzene	25.0	27.0	108	65-135	
Isopropylbenzene	25.0	26.4	106	65-135	
Methylene Chloride	25.0	24.1	96	54-141	
m-Xylene & p-Xylene	25.0	26.7	107	65-135	
o-Xylene	25.0	26.6	106	65-135	
Styrene	25.0	27.5	110	65-135	
Tetrachloroethene	25.0	27.8	111	65-135	
Toluene	25.0	25.8	103	65-135	
trans-1,2-Dichloroethene	25.0	27.6	110	65-135	
trans-1,3-Dichloropropene	25.0	26.8	107	65-135	
Trichloroethene	25.0	26.2	105	65-135	
Trichlorofluoromethane	25.0	26.0	104	53-137	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low Lab File ID: P3412.D

Lab ID: LCS 280-533423/4 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Vinyl chloride	25.0	24.7	99	40-137	
2-Butanone (MEK)	100	102	102	44-177	
1,2-Dibromoethane	25.0	26.3	105	65-135	
Methyl tert-butyl ether	25.0	25.6	102	54-135	
1,1,2-Trichlorotrifluoroethane	25.0	26.6	107	65-140	
1,2,3-Trichlorobenzene	25.0	27.2	109	60-135	
1,2,4-Trichlorobenzene	25.0	27.9	112	58-135	
Cyclohexane	25.0	25.5	102	62-135	
Methyl acetate	50.0	50.8	102	52-135	
Methylcyclohexane	25.0	26.2	105	63-135	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: R5092.D

Lab ID: LCSD 280-532734/6

Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	25.0	28.0	112	1	20	65-135	
1,1,2,2-Tetrachloroethane	25.0	26.5	106	2	20	58-135	
1,1,2-Trichloroethane	25.0	29.4	118	1	27	64-135	
1,1-Dichloroethane	25.0	29.7	119	1	21	65-135	
1,1-Dichloroethene	25.0	28.0	112	1	20	65-136	
1,2-Dibromo-3-Chloropropane	25.0	22.5	90	3	22	57-135	
1,2-Dichlorobenzene	25.0	25.8	103	1	20	65-135	
1,2-Dichloroethane	25.0	28.7	115	1	20	65-135	
1,2-Dichloropropane	25.0	29.8	119	1	20	64-135	
1,3-Dichlorobenzene	25.0	25.6	103	0	20	65-135	
1,4-Dichlorobenzene	25.0	25.1	101	0	23	65-135	
1,4-Dioxane	500	612	122	0	30	31-147	
2-Hexanone	100	115	115	2	25	57-139	
4-Methyl-2-pentanone (MIBK)	100	115	115	2	22	60-150	
Acetone	100	118	118	4	23	39-156	
Benzene	25.0	28.2	113	1	20	65-135	
Bromoform	25.0	23.1	93	1	27	62-135	
Bromomethane	25.0	22.8	91	7	33	45-135	
Carbon disulfide	25.0	26.3	105	1	20	55-143	
Carbon tetrachloride	25.0	27.6	110	1	21	65-135	
Chlorobenzene	25.0	26.1	104	1	20	65-135	
Chlorobromomethane	25.0	27.9	111	1	29	65-135	
Chlorodibromomethane	25.0	24.2	97	2	20	65-135	
Chloroethane	25.0	28.4	114	5	25	46-136	
Chloroform	25.0	29.0	116	1	20	65-135	
Chloromethane	25.0	23.7	95	3	24	34-145	
cis-1,2-Dichloroethene	25.0	28.1	113	1	20	65-135	
cis-1,3-Dichloropropene	25.0	27.1	108	2	26	65-135	
Dichlorobromomethane	25.0	27.6	111	1	20	65-135	
Dichlorodifluoromethane	25.0	25.2	101	11	30	43-142	
Ethylbenzene	25.0	25.9	104	1	20	65-135	
Isopropylbenzene	25.0	26.3	105	1	20	65-135	
Methylene Chloride	25.0	27.2	109	1	26	54-141	
m-Xylene & p-Xylene	25.0	26.4	106	1	20	65-135	
o-Xylene	25.0	26.8	107	1	20	65-135	
Styrene	25.0	27.2	109	1	26	65-135	
Tetrachloroethene	25.0	24.6	99	1	20	65-135	
Toluene	25.0	28.0	112	1	20	65-135	
trans-1,2-Dichloroethene	25.0	28.8	115	1	24	65-135	
trans-1,3-Dichloropropene	25.0	25.6	102	1	26	65-135	
Trichloroethene	25.0	26.8	107	0	20	65-135	
Trichlorofluoromethane	25.0	27.5	110	10	27	53-137	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: R5092.D  
 Lab ID: LCSD 280-532734/6 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Vinyl chloride	25.0	27.0	108	6	24	40-137	
2-Butanone (MEK)	100	127	127	1	32	44-177	
1,2-Dibromoethane	25.0	26.9	107	1	27	65-135	
Methyl tert-butyl ether	25.0	29.4	118	1	21	54-135	
1,1,2-Trichlorotrifluoroethane	25.0	26.0	104	3	20	65-140	
1,2,3-Trichlorobenzene	25.0	23.6	94	1	36	60-135	
1,2,4-Trichlorobenzene	25.0	24.5	98	0	25	58-135	
Cyclohexane	25.0	27.5	110	2	20	62-135	
Methyl acetate	50.0	61.4	123	3	27	52-135	
Methylcyclohexane	25.0	25.8	103	2	20	63-135	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: R5190.D

Lab ID: LCSD 280-533147/6

Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	25.0	24.7	99	4	20	65-135	
1,1,2,2-Tetrachloroethane	25.0	23.0	92	7	20	58-135	
1,1,2-Trichloroethane	25.0	25.6	102	2	27	64-135	
1,1-Dichloroethane	25.0	26.1	104	1	21	65-135	
1,1-Dichloroethene	25.0	25.3	101	3	20	65-136	
1,2-Dibromo-3-Chloropropane	25.0	21.8	87	9	22	57-135	
1,2-Dichlorobenzene	25.0	23.0	92	6	20	65-135	
1,2-Dichloroethane	25.0	24.5	98	1	20	65-135	
1,2-Dichloropropane	25.0	25.3	101	4	20	64-135	
1,3-Dichlorobenzene	25.0	23.1	92	5	20	65-135	
1,4-Dichlorobenzene	25.0	23.1	92	5	23	65-135	
1,4-Dioxane	500	534	107	5	30	31-147	
2-Hexanone	100	103	103	6	25	57-139	
4-Methyl-2-pentanone (MIBK)	100	111	111	4	22	60-150	
Acetone	100	101	101	1	23	39-156	
Benzene	25.0	25.5	102	1	20	65-135	
Bromoform	25.0	22.8	91	4	27	62-135	
Bromomethane	25.0	28.4	113	2	33	45-135	
Carbon disulfide	25.0	24.4	98	2	20	55-143	
Carbon tetrachloride	25.0	24.9	100	3	21	65-135	
Chlorobenzene	25.0	23.7	95	4	20	65-135	
Chlorobromomethane	25.0	26.5	106	0	29	65-135	
Chlorodibromomethane	25.0	25.3	101	4	20	65-135	
Chloroethane	25.0	27.1	108	1	25	46-136	
Chloroform	25.0	25.7	103	3	20	65-135	
Chloromethane	25.0	25.2	101	1	24	34-145	
cis-1,2-Dichloroethene	25.0	25.3	101	2	20	65-135	
cis-1,3-Dichloropropene	25.0	25.0	100	4	26	65-135	
Dichlorobromomethane	25.0	26.8	107	1	20	65-135	
Dichlorodifluoromethane	25.0	24.5	98	7	30	43-142	
Ethylbenzene	25.0	23.7	95	6	20	65-135	
Isopropylbenzene	25.0	23.8	95	5	20	65-135	
Methylene Chloride	25.0	24.1	96	2	26	54-141	
m-Xylene & p-Xylene	25.0	24.1	97	4	20	65-135	
o-Xylene	25.0	24.7	99	4	20	65-135	
Styrene	25.0	25.0	100	4	26	65-135	
Tetrachloroethene	25.0	23.3	93	6	20	65-135	
Toluene	25.0	25.1	101	2	20	65-135	
trans-1,2-Dichloroethene	25.0	24.6	98	3	24	65-135	
trans-1,3-Dichloropropene	25.0	26.2	105	2	26	65-135	
Trichloroethene	25.0	23.3	93	5	20	65-135	
Trichlorofluoromethane	25.0	25.3	101	5	27	53-137	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: R5190.D  
 Lab ID: LCSD 280-533147/6 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Vinyl chloride	25.0	25.3	101	2	24	40-137	
2-Butanone (MEK)	100	106	106	2	32	44-177	
1,2-Dibromoethane	25.0	24.7	99	3	27	65-135	
Methyl tert-butyl ether	25.0	26.6	106	0	21	54-135	
1,1,2-Trichlorotrifluoroethane	25.0	25.3	101	1	20	65-140	
1,2,3-Trichlorobenzene	25.0	23.5	94	6	36	60-135	
1,2,4-Trichlorobenzene	25.0	23.3	93	6	25	58-135	
Cyclohexane	25.0	24.9	100	0	20	62-135	
Methyl acetate	50.0	54.3	109	1	27	52-135	
Methylcyclohexane	25.0	24.9	100	0	20	63-135	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: P3413.D

Lab ID: LCSD 280-533423/5

Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	25.0	26.1	105	1	20	65-135	
1,1,2,2-Tetrachloroethane	25.0	25.4	101	0	20	58-135	
1,1,2-Trichloroethane	25.0	26.0	104	1	27	64-135	
1,1-Dichloroethane	25.0	25.2	101	3	21	65-135	
1,1-Dichloroethene	25.0	23.5	94	9	20	65-136	
1,2-Dibromo-3-Chloropropane	25.0	26.0	104	1	22	57-135	
1,2-Dichlorobenzene	25.0	26.3	105	0	20	65-135	
1,2-Dichloroethane	25.0	23.7	95	1	20	65-135	
1,2-Dichloropropane	25.0	24.5	98	2	20	64-135	
1,3-Dichlorobenzene	25.0	26.5	106	1	20	65-135	
1,4-Dichlorobenzene	25.0	25.2	101	3	23	65-135	
1,4-Dioxane	500	548	110	3	30	31-147	
2-Hexanone	100	106	106	3	25	57-139	
4-Methyl-2-pentanone (MIBK)	100	107	107	1	22	60-150	
Acetone	100	100	100	6	23	39-156	
Benzene	25.0	25.3	101	3	20	65-135	
Bromoform	25.0	24.2	97	0	27	62-135	
Bromomethane	25.0	24.0	96	3	33	45-135	
Carbon disulfide	25.0	24.9	100	2	20	55-143	
Carbon tetrachloride	25.0	24.1	96	4	21	65-135	
Chlorobenzene	25.0	25.2	101	4	20	65-135	
Chlorobromomethane	25.0	27.0	108	1	29	65-135	
Chlorodibromomethane	25.0	24.4	98	2	20	65-135	
Chloroethane	25.0	24.7	99	5	25	46-136	
Chloroform	25.0	24.8	99	3	20	65-135	
Chloromethane	25.0	21.1	84	4	24	34-145	
cis-1,2-Dichloroethene	25.0	24.7	99	3	20	65-135	
cis-1,3-Dichloropropene	25.0	25.3	101	1	26	65-135	
Dichlorobromomethane	25.0	26.1	104	1	20	65-135	
Dichlorodifluoromethane	25.0	24.9	100	6	30	43-142	
Ethylbenzene	25.0	25.9	104	4	20	65-135	
Isopropylbenzene	25.0	25.6	103	3	20	65-135	
Methylene Chloride	25.0	23.6	94	2	26	54-141	
m-Xylene & p-Xylene	25.0	26.2	105	2	20	65-135	
o-Xylene	25.0	26.3	105	1	20	65-135	
Styrene	25.0	26.6	106	3	26	65-135	
Tetrachloroethene	25.0	27.1	108	3	20	65-135	
Toluene	25.0	25.3	101	2	20	65-135	
trans-1,2-Dichloroethene	25.0	25.9	104	6	24	65-135	
trans-1,3-Dichloropropene	25.0	26.3	105	2	26	65-135	
Trichloroethene	25.0	25.0	100	5	20	65-135	
Trichlorofluoromethane	25.0	25.0	100	4	27	53-137	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: P3413.D  
 Lab ID: LCSD 280-533423/5 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Vinyl chloride	25.0	23.7	95	4	24	40-137	
2-Butanone (MEK)	100	98.8	99	3	32	44-177	
1,2-Dibromoethane	25.0	25.9	104	1	27	65-135	
Methyl tert-butyl ether	25.0	25.7	103	1	21	54-135	
1,1,2-Trichlorotrifluoroethane	25.0	25.2	101	6	20	65-140	
1,2,3-Trichlorobenzene	25.0	27.6	110	2	36	60-135	
1,2,4-Trichlorobenzene	25.0	28.0	112	0	25	58-135	
Cyclohexane	25.0	24.5	98	4	20	62-135	
Methyl acetate	50.0	48.9	98	4	27	52-135	
Methylcyclohexane	25.0	24.7	99	6	20	63-135	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: P3432.D

Lab ID: 280-147236-7 MS

Client ID: F0069-GW-MW7 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	50000	ND	55800	112	65-135	
1,1,2,2-Tetrachloroethane	50000	ND	50700	101	58-135	
1,1,2-Trichloroethane	50000	ND	53000	106	64-135	
1,1-Dichloroethane	50000	ND	53300	107	65-135	
1,1-Dichloroethene	50000	ND	54800	110	65-136	
1,2-Dibromo-3-Chloropropane	50000	ND	48500	97	57-135	
1,2-Dichlorobenzene	50000	ND	53000	106	65-135	
1,2-Dichloroethane	50000	ND	49800	100	65-135	
1,2-Dichloropropane	50000	ND	51200	102	64-135	
1,3-Dichlorobenzene	50000	ND	54400	109	65-135	
1,4-Dichlorobenzene	50000	ND	51900	104	65-135	
1,4-Dioxane	1000000	ND	1080000	108	31-147	
2-Hexanone	200000	ND	207000	104	57-139	
4-Methyl-2-pentanone (MIBK)	200000	ND	208000	104	60-150	
Acetone	200000	ND	185000	93	39-156	
Benzene	50000	ND	53400	107	65-135	
Bromoform	50000	ND	47300	95	62-135	
Bromomethane	50000	ND	26600	53	45-135	
Carbon disulfide	50000	ND	53400	107	55-143	
Carbon tetrachloride	50000	ND	51800	104	65-135	
Chlorobenzene	50000	ND	52300	105	65-135	
Chlorobromomethane	50000	ND	56000	112	65-135	
Chlorodibromomethane	50000	ND	48700	97	65-135	
Chloroethane	50000	ND	48400	97	46-136	
Chloroform	50000	ND	52100	104	65-135	
Chloromethane	50000	ND	39700	79	34-145	
cis-1,2-Dichloroethene	50000	5500	58200	105	65-135	
cis-1,3-Dichloropropene	50000	ND	49500	99	65-135	
Dichlorobromomethane	50000	ND	53600	107	65-135	
Dichlorodifluoromethane	50000	ND	48400	97	43-142	
Ethylbenzene	50000	ND	54800	110	65-135	
Isopropylbenzene	50000	ND	53800	108	65-135	
Methylene Chloride	50000	ND	49700	99	54-141	
m-Xylene & p-Xylene	50000	ND	55000	110	65-135	
o-Xylene	50000	ND	54000	108	65-135	
Styrene	50000	ND	55200	110	65-135	
Tetrachloroethene	50000	1800 J	60500	117	65-135	
Toluene	50000	ND	53100	106	65-135	
trans-1,2-Dichloroethene	50000	ND	55600	111	65-135	
trans-1,3-Dichloropropene	50000	ND	50800	102	65-135	
Trichloroethene	50000	300000	343000	93	65-135	4
Trichlorofluoromethane	50000	ND	48300	97	53-137	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: P3432.D  
 Lab ID: 280-147236-7 MS Client ID: F0069-GW-MW7 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Vinyl chloride	50000	ND	45300	91	40-137	
2-Butanone (MEK)	200000	ND	195000	97	44-177	
1,2-Dibromoethane	50000	ND	52000	104	65-135	
Methyl tert-butyl ether	50000	ND	52000	104	54-135	
1,1,2-Trichlorotrifluoroethane	50000	ND	55200	110	65-140	
1,2,3-Trichlorobenzene	50000	ND	54900	110	60-135	
1,2,4-Trichlorobenzene	50000	ND	54200	108	58-135	
Cyclohexane	50000	ND	54900	110	62-135	
Methyl acetate	100000	ND	95400	95	52-135	
Methylcyclohexane	50000	ND	53000	106	63-135	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: P3433.D

Lab ID: 280-147236-7 MSD

Client ID: F0069-GW-MW7 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	50000	53600	107	4	20	65-135	
1,1,2,2-Tetrachloroethane	50000	48900	98	4	20	58-135	
1,1,2-Trichloroethane	50000	52500	105	1	27	64-135	
1,1-Dichloroethane	50000	51400	103	4	21	65-135	
1,1-Dichloroethene	50000	52100	104	5	20	65-136	
1,2-Dibromo-3-Chloropropane	50000	47100	94	3	22	57-135	
1,2-Dichlorobenzene	50000	51200	102	3	20	65-135	
1,2-Dichloroethane	50000	47100	94	6	20	65-135	
1,2-Dichloropropane	50000	49500	99	4	20	64-135	
1,3-Dichlorobenzene	50000	51200	102	6	20	65-135	
1,4-Dichlorobenzene	50000	49900	100	4	23	65-135	
1,4-Dioxane	1000000	1060000	106	1	30	31-147	
2-Hexanone	200000	201000	101	3	25	57-139	
4-Methyl-2-pentanone (MIBK)	200000	204000	102	2	22	60-150	
Acetone	200000	183000	91	1	23	39-156	
Benzene	50000	51100	102	4	20	65-135	
Bromoform	50000	46700	93	1	27	62-135	
Bromomethane	50000	30500	61	14	33	45-135	
Carbon disulfide	50000	51200	102	4	20	55-143	
Carbon tetrachloride	50000	50500	101	2	21	65-135	
Chlorobenzene	50000	50700	101	3	20	65-135	
Chlorobromomethane	50000	53800	108	4	29	65-135	
Chlorodibromomethane	50000	46800	94	4	20	65-135	
Chloroethane	50000	45300	91	7	25	46-136	
Chloroform	50000	49800	100	5	20	65-135	
Chloromethane	50000	39200	78	1	24	34-145	
cis-1,2-Dichloroethene	50000	55700	100	4	20	65-135	
cis-1,3-Dichloropropene	50000	48300	97	3	26	65-135	
Dichlorobromomethane	50000	52400	105	2	20	65-135	
Dichlorodifluoromethane	50000	45000	90	7	30	43-142	
Ethylbenzene	50000	51700	103	6	20	65-135	
Isopropylbenzene	50000	51200	102	5	20	65-135	
Methylene Chloride	50000	47900	96	4	26	54-141	
m-Xylene & p-Xylene	50000	52500	105	5	20	65-135	
o-Xylene	50000	52000	104	4	20	65-135	
Styrene	50000	53000	106	4	26	65-135	
Tetrachloroethene	50000	57300	111	5	20	65-135	
Toluene	50000	51300	103	4	20	65-135	
trans-1,2-Dichloroethene	50000	54100	108	3	24	65-135	
trans-1,3-Dichloropropene	50000	50800	102	0	26	65-135	
Trichloroethene	50000	325000	56	6	20	65-135	4
Trichlorofluoromethane	50000	45400	91	6	27	53-137	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low Lab File ID: P3433.D

Lab ID: 280-147236-7 MSD Client ID: F0069-GW-MW7 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Vinyl chloride	50000	43600	87	4	24	40-137	
2-Butanone (MEK)	200000	186000	93	5	32	44-177	
1,2-Dibromoethane	50000	52000	104	0	27	65-135	
Methyl tert-butyl ether	50000	50300	101	3	21	54-135	
1,1,2-Trichlorotrifluoroethane	50000	52300	105	5	20	65-140	
1,2,3-Trichlorobenzene	50000	54000	108	2	36	60-135	
1,2,4-Trichlorobenzene	50000	54300	109	0	25	58-135	
Cyclohexane	50000	52300	105	5	20	62-135	
Methyl acetate	100000	94900	95	0	27	52-135	
Methylcyclohexane	50000	50300	101	5	20	63-135	

# Column to be used to flag recovery and RPD values

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: R5094.D Lab Sample ID: MB 280-532734/10  
 Matrix: Water Heated Purge: (Y/N) N  
 Instrument ID: VMS\_R1 Date Analyzed: 04/16/2021 10:10  
 GC Column: DB-624 (60.25) ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 280-532734/5	R5091.D	04/16/2021 09:00
	LCSD 280-532734/6	R5092.D	04/16/2021 09:23
F0069-TB02	280-147236-1	R5095.D	04/16/2021 10:33
F0069-EB02	280-147236-2	R5096.D	04/16/2021 10:56

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
SDG No.: \_\_\_\_\_  
Lab File ID: R5194.D Lab Sample ID: MB 280-533147/10  
Matrix: Water Heated Purge: (Y/N) N  
Instrument ID: VMS\_R1 Date Analyzed: 04/20/2021 11:32  
GC Column: DB-624 (60.25) ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 280-533147/5	R5189.D	04/20/2021 09:37
	LCSD 280-533147/6	R5190.D	04/20/2021 10:00
F0069-GW-MW2	280-147236-3	R5210.D	04/20/2021 17:44

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: P3417.D Lab Sample ID: MB 280-533423/9  
 Matrix: Water Heated Purge: (Y/N) N  
 Instrument ID: VMS\_P Date Analyzed: 04/22/2021 00:01  
 GC Column: DB-624 (60.25) ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 280-533423/4	P3412.D	04/21/2021 22:06
	LCSD 280-533423/5	P3413.D	04/21/2021 22:29
F0069-GW-MW10	280-147236-4	P3428.D	04/22/2021 04:15
F0069-GW-MW14	280-147236-5	P3429.D	04/22/2021 04:38
F0069-GW-MW14-DUP	280-147236-6	P3430.D	04/22/2021 05:01
F0069-GW-MW7	280-147236-7	P3431.D	04/22/2021 05:24
F0069-GW-MW7 MS	280-147236-7 MS	P3432.D	04/22/2021 05:47
F0069-GW-MW7 MSD	280-147236-7 MSD	P3433.D	04/22/2021 06:10
F0069-GW-MW6	280-147236-8	P3434.D	04/22/2021 06:33
F0069-GW-MW4	280-147236-9	P3435.D	04/22/2021 06:57
F0069-GW-MW1	280-147236-10	P3436.D	04/22/2021 07:20
F0069-GW-DW1	280-147236-11	P3437.D	04/22/2021 07:44

FORM V  
GC/MS VOA INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: P1320.D BFB Injection Date: 02/23/2021  
 Instrument ID: VMS\_P BFB Injection Time: 10:08  
 Analysis Batch No.: 527052

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.7
75	30.0 - 60.0 % of mass 95	52.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	71.5
175	5.0 - 9.0 % of mass 174	5.9 (8.2) 1
176	95.0 - 101.0 % of mass 174	69.1 (96.7) 1
177	5.0 - 9.0 % of mass 176	4.5 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD005 280-527052/13	P1323.D	02/23/2021	11:21
	STD010 280-527052/14	P1324.D	02/23/2021	11:44
	STD020 280-527052/15	P1325.D	02/23/2021	12:07
	STD050 280-527052/16	P1326.D	02/23/2021	12:31
	STD10 280-527052/17	P1327.D	02/23/2021	12:54
	ICIS 280-527052/18	P1328.D	02/23/2021	13:17
	STD100 280-527052/20	P1330.D	02/23/2021	14:03
	STD200 280-527052/21	P1331.D	02/23/2021	14:26
	STD75 280-527052/19	P1333.D	02/23/2021	15:12
	ICV 280-527052/31	P1345.D	02/23/2021	19:49

FORM V  
GC/MS VOA INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: P2865.D BFB Injection Date: 04/09/2021  
 Instrument ID: VMS\_P BFB Injection Time: 09:01  
 Analysis Batch No.: 531966

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.0	
75	30.0 - 60.0 % of mass 95	56.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	67.1	
175	5.0 - 9.0 % of mass 174	4.1	(6.1) 1
176	95.0 - 101.0 % of mass 174	64.6	(96.2) 1
177	5.0 - 9.0 % of mass 176	4.2	(6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD005 280-531966/17	P2868.D	04/09/2021	10:19
	STD010 280-531966/18	P2869.D	04/09/2021	10:42
	STD020 280-531966/19	P2870.D	04/09/2021	11:05
	STD050 280-531966/20	P2871.D	04/09/2021	11:28
	STD10 280-531966/21	P2872.D	04/09/2021	11:51
	ICIS 280-531966/22	P2873.D	04/09/2021	12:14
	STD75 280-531966/23	P2874.D	04/09/2021	12:37
	STD100 280-531966/24	P2875.D	04/09/2021	13:00
	STD200 280-531966/25	P2876.D	04/09/2021	13:23
	ICV 280-531966/26	P2878.D	04/09/2021	14:09
	ICV 280-531966/27	P2881.D	04/09/2021	15:17

FORM V  
GC/MS VOA INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: P3409.D BFB Injection Date: 04/21/2021  
 Instrument ID: VMS\_P BFB Injection Time: 20:56  
 Analysis Batch No.: 533423

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.3
75	30.0 - 60.0 % of mass 95	54.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	65.1
175	5.0 - 9.0 % of mass 174	3.3 (5.1) 1
176	95.0 - 101.0 % of mass 174	63.8 (98.0) 1
177	5.0 - 9.0 % of mass 176	4.2 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 280-533423/2	P3410.D	04/21/2021	21:20
	LCS 280-533423/4	P3412.D	04/21/2021	22:06
	LCSD 280-533423/5	P3413.D	04/21/2021	22:29
	MB 280-533423/9	P3417.D	04/22/2021	0:01
F0069-GW-MW10	280-147236-4	P3428.D	04/22/2021	4:15
F0069-GW-MW14	280-147236-5	P3429.D	04/22/2021	4:38
F0069-GW-MW14-DUP	280-147236-6	P3430.D	04/22/2021	5:01
F0069-GW-MW7	280-147236-7	P3431.D	04/22/2021	5:24
F0069-GW-MW7 MS	280-147236-7 MS	P3432.D	04/22/2021	5:47
F0069-GW-MW7 MSD	280-147236-7 MSD	P3433.D	04/22/2021	6:10
F0069-GW-MW6	280-147236-8	P3434.D	04/22/2021	6:33
F0069-GW-MW4	280-147236-9	P3435.D	04/22/2021	6:57
F0069-GW-MW1	280-147236-10	P3436.D	04/22/2021	7:20
F0069-GW-DW1	280-147236-11	P3437.D	04/22/2021	7:44

FORM V  
GC/MS VOA INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: R2287.D BFB Injection Date: 12/30/2020  
 Instrument ID: VMS\_R1 BFB Injection Time: 19:36  
 Analysis Batch No.: 522238

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.1	
75	30.0 - 60.0 % of mass 95	47.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	73.7	
175	5.0 - 9.0 % of mass 174	5.5	(7.5) 1
176	95.0 - 101.0 % of mass 174	72.5	(98.4) 1
177	5.0 - 9.0 % of mass 176	4.9	(6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 280-522238/14	R2288.D	12/30/2020	19:59
	IC 280-522238/15	R2289.D	12/30/2020	20:23
	IC 280-522238/16	R2290.D	12/30/2020	20:46
	IC 280-522238/17	R2291.D	12/30/2020	21:09
	IC 280-522238/18	R2292.D	12/30/2020	21:32
	IC 280-522238/19	R2293.D	12/30/2020	21:55
	IC 280-522238/20	R2294.D	12/30/2020	22:18
	IC 280-522238/21	R2295.D	12/30/2020	22:41
	ICV 280-522238/22	R2296.D	12/30/2020	23:04

FORM V  
GC/MS VOA INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: R4709.D BFB Injection Date: 04/07/2021  
 Instrument ID: VMS\_R1 BFB Injection Time: 16:45  
 Analysis Batch No.: 531788

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.4
75	30.0 - 60.0 % of mass 95	45.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.8
173	Less than 2.0 % of mass 174	0.1 (0.2) 1
174	Greater than 50% of mass 95	71.2
175	5.0 - 9.0 % of mass 174	5.3 (7.4) 1
176	95.0 - 101.0 % of mass 174	69.0 (96.9) 1
177	5.0 - 9.0 % of mass 176	4.5 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 280-531788/13	R4710.D	04/07/2021	17:08
	IC 280-531788/14	R4711.D	04/07/2021	17:31
	IC 280-531788/15	R4712.D	04/07/2021	17:53
	ICIS 280-531788/16	R4713.D	04/07/2021	18:17
	IC 280-531788/17	R4714.D	04/07/2021	18:40
	IC 280-531788/18	R4715.D	04/07/2021	19:03
	IC 280-531788/19	R4716.D	04/07/2021	19:26
	IC 280-531788/20	R4717.D	04/07/2021	19:49
	IC 280-531788/21	R4718.D	04/07/2021	20:12

FORM V  
GC/MS VOA INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: R4770.D BFB Injection Date: 04/09/2021  
 Instrument ID: VMS\_R1 BFB Injection Time: 05:57  
 Analysis Batch No.: 531946

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.6	
75	30.0 - 60.0 % of mass 95	46.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	72.8	
175	5.0 - 9.0 % of mass 174	5.1	(7.0) 1
176	95.0 - 101.0 % of mass 174	70.8	(97.3) 1
177	5.0 - 9.0 % of mass 176	4.4	(6.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICV 280-531946/28	R4772.D	04/09/2021	6:53

FORM V  
GC/MS VOA INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: R5088.D BFB Injection Date: 04/16/2021  
 Instrument ID: VMS\_R1 BFB Injection Time: 07:50  
 Analysis Batch No.: 532734

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.5
75	30.0 - 60.0 % of mass 95	47.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.2 (0.3) 1
174	Greater than 50% of mass 95	70.7
175	5.0 - 9.0 % of mass 174	5.3 (7.4) 1
176	95.0 - 101.0 % of mass 174	69.2 (97.9) 1
177	5.0 - 9.0 % of mass 176	4.4 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 280-532734/2	R5089.D	04/16/2021	8:14
	LCS 280-532734/5	R5091.D	04/16/2021	9:00
	LCSD 280-532734/6	R5092.D	04/16/2021	9:23
	MB 280-532734/10	R5094.D	04/16/2021	10:10
F0069-TB02	280-147236-1	R5095.D	04/16/2021	10:33
F0069-EB02	280-147236-2	R5096.D	04/16/2021	10:56

FORM V  
GC/MS VOA INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: R5186.D BFB Injection Date: 04/20/2021  
 Instrument ID: VMS\_R1 BFB Injection Time: 08:21  
 Analysis Batch No.: 533147

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.8	
75	30.0 - 60.0 % of mass 95	46.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.2	(0.3) 1
174	Greater than 50% of mass 95	70.4	
175	5.0 - 9.0 % of mass 174	5.0	(7.2) 1
176	95.0 - 101.0 % of mass 174	68.5	(97.3) 1
177	5.0 - 9.0 % of mass 176	4.2	(6.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 280-533147/2	R5187.D	04/20/2021	8:51
	LCS 280-533147/5	R5189.D	04/20/2021	9:37
	LCSD 280-533147/6	R5190.D	04/20/2021	10:00
	MB 280-533147/10	R5194.D	04/20/2021	11:32
F0069-GW-MW2	280-147236-3	R5210.D	04/20/2021	17:44

FORM VIII  
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: ICIS 280-527052/18 Date Analyzed: 02/23/2021 13:17  
 Instrument ID: VMS\_P GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 Lab File ID (Standard): P1328.D Heated Purge: (Y/N) N  
 Calibration ID: 51316

	FB		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	1161777	4.88	265243	7.39	390636	9.61
UPPER LIMIT	2323554	5.38	530486	7.89	781272	10.11
LOWER LIMIT	580889	4.38	132622	6.89	195318	9.11
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 280-527052/31	1233560	4.87	281401	7.38	404502	9.61

FB = Fluorobenzene

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: ICIS 280-531966/22 Date Analyzed: 04/09/2021 12:14  
 Instrument ID: VMS\_P GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 Lab File ID (Standard): P2873.D Heated Purge: (Y/N) N  
 Calibration ID: 52244

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	958778	4.88	218756	7.39	321698	9.61	
UPPER LIMIT	1917556	5.38	437512	7.89	643396	10.11	
LOWER LIMIT	479389	4.38	109378	6.89	160849	9.11	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 280-531966/26		983877	4.88	226861	7.39	323994	9.61
ICV 280-531966/27		996545	4.87	227512	7.39	316505	9.61
CCV 280-533423/2		1098958	4.88	255145	7.39	378439	9.61
LCS 280-533423/4		1071814	4.88	247372	7.39	363637	9.61
LCSD 280-533423/5		1076059	4.88	249300	7.39	367313	9.61
MB 280-533423/9		1043058	4.88	239397	7.39	336857	9.61
280-147236-4	F0069-GW-MW10	1072716	4.88	252060	7.39	358333	9.61
280-147236-5	F0069-GW-MW14	1050509	4.88	244256	7.39	353037	9.61
280-147236-6	F0069-GW-MW14-DUP	1054442	4.87	243805	7.38	343575	9.61
280-147236-7	F0069-GW-MW7	1038424	4.88	238438	7.39	334679	9.61
280-147236-7 MS	F0069-GW-MW7 MS	1044809	4.88	241900	7.39	359838	9.61
280-147236-7 MSD	F0069-GW-MW7 MSD	1068532	4.88	250902	7.39	369537	9.61
280-147236-8	F0069-GW-MW6	1041959	4.88	239676	7.39	341144	9.61
280-147236-9	F0069-GW-MW4	1057749	4.88	246372	7.39	344160	9.61
280-147236-10	F0069-GW-MW1	1050712	4.88	244781	7.39	348582	9.61
280-147236-11	F0069-GW-DW1	1031101	4.88	236532	7.39	337683	9.61

FB = Fluorobenzene  
 CBNZd5 = Chlorobenzene-d5  
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: ICIS 280-531788/16 Date Analyzed: 04/07/2021 18:17  
 Instrument ID: VMS\_R1 GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 Lab File ID (Standard): R4713.D Heated Purge: (Y/N) N  
 Calibration ID: 52205

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	2358061	4.99	539851	7.50	851910	9.73	
UPPER LIMIT	4716122	5.49	1079702	8.00	1703820	10.23	
LOWER LIMIT	1179031	4.49	269926	7.00	425955	9.23	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 280-531946/28		2022204	4.99	497845	7.51	785469	9.73
CCV 280-532734/2		2184852	4.99	526981	7.50	825684	9.73
LCS 280-532734/5		2205314	4.99	532576	7.51	838773	9.73
LCSD 280-532734/6		2196935	4.99	529630	7.50	836815	9.73
MB 280-532734/10		2169172	4.99	521282	7.50	823733	9.73
280-147236-1	F0069-TB02	2156894	4.99	525947	7.50	816768	9.72
280-147236-2	F0069-EB02	2199023	4.99	531358	7.51	821528	9.73

FB = Fluorobenzene  
 CBNZd5 = Chlorobenzene-d5  
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: ICIS 280-533108/19 Date Analyzed: 04/19/2021 20:03  
 Instrument ID: VMS\_R1 GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 Lab File ID (Standard): R5179.D Heated Purge: (Y/N) N  
 Calibration ID: 52515

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	1937785	4.99	585513	7.50	947174	9.73	
UPPER LIMIT	3875570	5.49	1171026	8.00	1894348	10.23	
LOWER LIMIT	968893	4.49	292757	7.00	473587	9.23	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 280-533147/2	1941166	4.99	607566	7.50	984607	9.73	
LCS 280-533147/5	1904952	4.99	597430	7.50	981580	9.73	
LCSD 280-533147/6	1920891	4.99	615373	7.50	1021809	9.73	
MB 280-533147/10	1834395	4.99	609498	7.50	990662	9.73	
280-147236-3	F0069-GW-MW2	1441304	4.99	594302	7.50	1029268	9.73

FB = Fluorobenzene

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-TB02 Lab Sample ID: 280-147236-1  
 Matrix: Water Lab File ID: R5095.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 08:42  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/16/2021 10:33  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 532734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
75-34-3	1,1-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.13
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.13
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.16
123-91-1	1,4-Dioxane	ND		200	19
591-78-6	2-Hexanone	ND		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98
67-64-1	Acetone	2.3	J	10	1.9
71-43-2	Benzene	ND		1.0	0.16
75-25-2	Bromoform	ND		1.0	0.46
74-83-9	Bromomethane	ND		2.0	0.21
75-15-0	Carbon disulfide	ND		2.0	0.17
56-23-5	Carbon tetrachloride	ND		1.0	0.19
108-90-7	Chlorobenzene	ND		1.0	0.17
74-97-5	Chlorobromomethane	ND		1.0	0.10
124-48-1	Chlorodibromomethane	ND		1.0	0.17
75-00-3	Chloroethane	ND		2.0	0.41
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		2.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.16
75-27-4	Dichlorobromomethane	ND		1.0	0.17
75-71-8	Dichlorodifluoromethane	ND		2.0	0.31
100-41-4	Ethylbenzene	ND		1.0	0.16
98-82-8	Isopropylbenzene	ND		1.0	0.19
75-09-2	Methylene Chloride	ND		2.0	0.94
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.15
95-47-6	o-Xylene	ND		1.0	0.19
100-42-5	Styrene	ND		1.0	0.36

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-TB02 Lab Sample ID: 280-147236-1  
 Matrix: Water Lab File ID: R5095.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 08:42  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/16/2021 10:33  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 532734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.20
108-88-3	Toluene	ND		1.0	0.17
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		3.0	0.19
79-01-6	Trichloroethene	ND		1.0	0.16
75-69-4	Trichlorofluoromethane	ND		2.0	0.29
75-01-4	Vinyl chloride	ND		1.0	0.10
78-93-3	2-Butanone (MEK)	ND		6.0	2.0
106-93-4	1,2-Dibromoethane	ND		1.0	0.18
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		3.0	0.18
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		2.0	0.28
79-20-9	Methyl acetate	ND		5.0	1.6
108-87-2	Methylcyclohexane	ND		1.0	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-127
460-00-4	4-Bromofluorobenzene (Surr)	103		78-120
2037-26-5	Toluene-d8 (Surr)	96		80-125
1868-53-7	Dibromofluoromethane (Surr)	103		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-EB02 Lab Sample ID: 280-147236-2  
 Matrix: Water Lab File ID: R5096.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 08:59  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/16/2021 10:56  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 532734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
75-34-3	1,1-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.13
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.13
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.16
123-91-1	1,4-Dioxane	ND		200	19
591-78-6	2-Hexanone	ND		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98
67-64-1	Acetone	4.2	J	10	1.9
71-43-2	Benzene	ND		1.0	0.16
75-25-2	Bromoform	ND		1.0	0.46
74-83-9	Bromomethane	ND		2.0	0.21
75-15-0	Carbon disulfide	ND		2.0	0.17
56-23-5	Carbon tetrachloride	ND		1.0	0.19
108-90-7	Chlorobenzene	ND		1.0	0.17
74-97-5	Chlorobromomethane	ND		1.0	0.10
124-48-1	Chlorodibromomethane	ND		1.0	0.17
75-00-3	Chloroethane	ND		2.0	0.41
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		2.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.16
75-27-4	Dichlorobromomethane	ND		1.0	0.17
75-71-8	Dichlorodifluoromethane	ND		2.0	0.31
100-41-4	Ethylbenzene	0.44	J	1.0	0.16
98-82-8	Isopropylbenzene	ND		1.0	0.19
75-09-2	Methylene Chloride	ND		2.0	0.94
179601-23-1	m-Xylene & p-Xylene	0.18	J	2.0	0.15
95-47-6	o-Xylene	0.19	J	1.0	0.19
100-42-5	Styrene	ND		1.0	0.36

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-EB02 Lab Sample ID: 280-147236-2  
 Matrix: Water Lab File ID: R5096.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 08:59  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/16/2021 10:56  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 532734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.20
108-88-3	Toluene	ND		1.0	0.17
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		3.0	0.19
79-01-6	Trichloroethene	ND		1.0	0.16
75-69-4	Trichlorofluoromethane	ND		2.0	0.29
75-01-4	Vinyl chloride	ND		1.0	0.10
78-93-3	2-Butanone (MEK)	ND		6.0	2.0
106-93-4	1,2-Dibromoethane	ND		1.0	0.18
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		3.0	0.18
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		2.0	0.28
79-20-9	Methyl acetate	ND		5.0	1.6
108-87-2	Methylcyclohexane	ND		1.0	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-127
460-00-4	4-Bromofluorobenzene (Surr)	103		78-120
2037-26-5	Toluene-d8 (Surr)	97		80-125
1868-53-7	Dibromofluoromethane (Surr)	104		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW2 Lab Sample ID: 280-147236-3  
 Matrix: Water Lab File ID: R5210.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 09:40  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/20/2021 17:44  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 20  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533147 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		20	3.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	4.2
79-00-5	1,1,2-Trichloroethane	ND		20	5.4
75-34-3	1,1-Dichloroethane	ND		20	4.4
75-35-4	1,1-Dichloroethene	6.6	J	20	4.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		100	9.4
95-50-1	1,2-Dichlorobenzene	ND		20	3.0
107-06-2	1,2-Dichloroethane	ND		20	2.6
78-87-5	1,2-Dichloropropane	ND		20	3.6
541-73-1	1,3-Dichlorobenzene	ND		20	2.6
106-46-7	1,4-Dichlorobenzene	ND		20	3.2
123-91-1	1,4-Dioxane	ND		4000	390
591-78-6	2-Hexanone	ND		100	34
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		100	20
67-64-1	Acetone	ND		200	38
71-43-2	Benzene	ND		20	3.2
75-25-2	Bromoform	ND		20	9.2
74-83-9	Bromomethane	ND		40	4.2
75-15-0	Carbon disulfide	ND		40	3.3
56-23-5	Carbon tetrachloride	ND		20	3.8
108-90-7	Chlorobenzene	ND		20	3.4
74-97-5	Chlorobromomethane	ND		20	2.0
124-48-1	Chlorodibromomethane	ND		20	3.4
75-00-3	Chloroethane	ND		40	8.2
67-66-3	Chloroform	ND		20	3.2
74-87-3	Chloromethane	ND		40	6.0
156-59-2	cis-1,2-Dichloroethene	12	J	20	3.0
10061-01-5	cis-1,3-Dichloropropene	ND		20	3.2
75-27-4	Dichlorobromomethane	ND		20	3.4
75-71-8	Dichlorodifluoromethane	ND		40	6.2
100-41-4	Ethylbenzene	ND		20	3.2
98-82-8	Isopropylbenzene	ND		20	3.8
75-09-2	Methylene Chloride	ND		40	19
179601-23-1	m-Xylene & p-Xylene	ND		40	3.1
95-47-6	o-Xylene	ND		20	3.8
100-42-5	Styrene	ND		20	7.1

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW2 Lab Sample ID: 280-147236-3  
 Matrix: Water Lab File ID: R5210.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 09:40  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/20/2021 17:44  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 20  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533147 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		20	4.0
108-88-3	Toluene	ND		20	3.4
156-60-5	trans-1,2-Dichloroethene	ND		20	3.0
10061-02-6	trans-1,3-Dichloropropene	ND		60	3.8
79-01-6	Trichloroethene	1200		20	3.2
75-69-4	Trichlorofluoromethane	ND		40	5.8
75-01-4	Vinyl chloride	ND		20	2.0
78-93-3	2-Butanone (MEK)	ND		120	40
106-93-4	1,2-Dibromoethane	ND		20	3.6
1634-04-4	Methyl tert-butyl ether	ND		100	5.0
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		60	3.6
87-61-6	1,2,3-Trichlorobenzene	ND		20	4.2
120-82-1	1,2,4-Trichlorobenzene	ND		20	4.2
110-82-7	Cyclohexane	ND		40	5.6
79-20-9	Methyl acetate	ND		100	33
108-87-2	Methylcyclohexane	ND		20	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-127
460-00-4	4-Bromofluorobenzene (Surr)	97		78-120
2037-26-5	Toluene-d8 (Surr)	86		80-125
1868-53-7	Dibromofluoromethane (Surr)	112		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW10 Lab Sample ID: 280-147236-4  
 Matrix: Water Lab File ID: P3428.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 09:50  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 04:15  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
75-34-3	1,1-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.13
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.13
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.16
123-91-1	1,4-Dioxane	ND		200	19
591-78-6	2-Hexanone	ND		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98
67-64-1	Acetone	ND		10	1.9
71-43-2	Benzene	ND		1.0	0.16
75-25-2	Bromoform	ND		1.0	0.46
74-83-9	Bromomethane	ND		2.0	0.21
75-15-0	Carbon disulfide	ND		2.0	0.17
56-23-5	Carbon tetrachloride	ND		1.0	0.19
108-90-7	Chlorobenzene	ND		1.0	0.17
74-97-5	Chlorobromomethane	ND		1.0	0.10
124-48-1	Chlorodibromomethane	ND		1.0	0.17
75-00-3	Chloroethane	ND		2.0	0.41
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		2.0	0.30
156-59-2	cis-1,2-Dichloroethene	0.56	J	1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.16
75-27-4	Dichlorobromomethane	ND		1.0	0.17
75-71-8	Dichlorodifluoromethane	ND		2.0	0.31
100-41-4	Ethylbenzene	ND		1.0	0.16
98-82-8	Isopropylbenzene	ND		1.0	0.19
75-09-2	Methylene Chloride	ND		2.0	0.94
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.15
95-47-6	o-Xylene	ND		1.0	0.19
100-42-5	Styrene	ND		1.0	0.36

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW10 Lab Sample ID: 280-147236-4  
 Matrix: Water Lab File ID: P3428.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 09:50  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 04:15  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.20
108-88-3	Toluene	ND		1.0	0.17
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		3.0	0.19
79-01-6	Trichloroethene	31		1.0	0.16
75-69-4	Trichlorofluoromethane	ND		2.0	0.29
75-01-4	Vinyl chloride	ND		1.0	0.10
78-93-3	2-Butanone (MEK)	ND		6.0	2.0
106-93-4	1,2-Dibromoethane	ND		1.0	0.18
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		3.0	0.18
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		2.0	0.28
79-20-9	Methyl acetate	ND		5.0	1.6
108-87-2	Methylcyclohexane	ND		1.0	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-127
460-00-4	4-Bromofluorobenzene (Surr)	99		78-120
2037-26-5	Toluene-d8 (Surr)	99		80-125
1868-53-7	Dibromofluoromethane (Surr)	100		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW14 Lab Sample ID: 280-147236-5  
 Matrix: Water Lab File ID: P3429.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 11:10  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 04:38  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2000  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2000	320
79-34-5	1,1,2,2-Tetrachloroethane	ND		2000	420
79-00-5	1,1,2-Trichloroethane	ND		2000	540
75-34-3	1,1-Dichloroethane	ND		2000	440
75-35-4	1,1-Dichloroethene	ND		2000	460
96-12-8	1,2-Dibromo-3-Chloropropane	ND		10000	940
95-50-1	1,2-Dichlorobenzene	ND		2000	300
107-06-2	1,2-Dichloroethane	ND		2000	260
78-87-5	1,2-Dichloropropane	ND		2000	360
541-73-1	1,3-Dichlorobenzene	ND		2000	260
106-46-7	1,4-Dichlorobenzene	ND		2000	320
123-91-1	1,4-Dioxane	ND		400000	39000
591-78-6	2-Hexanone	ND		10000	3400
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10000	2000
67-64-1	Acetone	ND		20000	3800
71-43-2	Benzene	460	J	2000	320
75-25-2	Bromoform	ND		2000	920
74-83-9	Bromomethane	ND		4000	420
75-15-0	Carbon disulfide	ND		4000	330
56-23-5	Carbon tetrachloride	ND		2000	380
108-90-7	Chlorobenzene	ND		2000	340
74-97-5	Chlorobromomethane	ND		2000	200
124-48-1	Chlorodibromomethane	ND		2000	340
75-00-3	Chloroethane	ND		4000	820
67-66-3	Chloroform	550	J	2000	320
74-87-3	Chloromethane	ND		4000	600
156-59-2	cis-1,2-Dichloroethene	40000		2000	300
10061-01-5	cis-1,3-Dichloropropene	ND		2000	320
75-27-4	Dichlorobromomethane	ND		2000	340
75-71-8	Dichlorodifluoromethane	ND		4000	620
100-41-4	Ethylbenzene	ND		2000	320
98-82-8	Isopropylbenzene	ND		2000	380
75-09-2	Methylene Chloride	ND		4000	1900
179601-23-1	m-Xylene & p-Xylene	ND		4000	310
95-47-6	o-Xylene	ND		2000	380
100-42-5	Styrene	ND		2000	710

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW14 Lab Sample ID: 280-147236-5  
 Matrix: Water Lab File ID: P3429.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 11:10  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 04:38  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2000  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		2000	400
108-88-3	Toluene	ND		2000	340
156-60-5	trans-1,2-Dichloroethene	ND		2000	300
10061-02-6	trans-1,3-Dichloropropene	ND		6000	380
79-01-6	Trichloroethene	320000		2000	320
75-69-4	Trichlorofluoromethane	ND		4000	580
75-01-4	Vinyl chloride	1100	J	2000	200
78-93-3	2-Butanone (MEK)	ND		12000	4000
106-93-4	1,2-Dibromoethane	ND		2000	360
1634-04-4	Methyl tert-butyl ether	ND		10000	500
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		6000	360
87-61-6	1,2,3-Trichlorobenzene	ND		2000	420
120-82-1	1,2,4-Trichlorobenzene	ND		2000	420
110-82-7	Cyclohexane	ND		4000	560
79-20-9	Methyl acetate	ND		10000	3300
108-87-2	Methylcyclohexane	ND		2000	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-127
460-00-4	4-Bromofluorobenzene (Surr)	96		78-120
2037-26-5	Toluene-d8 (Surr)	99		80-125
1868-53-7	Dibromofluoromethane (Surr)	99		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW14-DUP Lab Sample ID: 280-147236-6  
 Matrix: Water Lab File ID: P3430.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 11:10  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 05:01  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2000  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2000	320
79-34-5	1,1,2,2-Tetrachloroethane	ND		2000	420
79-00-5	1,1,2-Trichloroethane	ND		2000	540
75-34-3	1,1-Dichloroethane	ND		2000	440
75-35-4	1,1-Dichloroethene	ND		2000	460
96-12-8	1,2-Dibromo-3-Chloropropane	ND		10000	940
95-50-1	1,2-Dichlorobenzene	ND		2000	300
107-06-2	1,2-Dichloroethane	ND		2000	260
78-87-5	1,2-Dichloropropane	ND		2000	360
541-73-1	1,3-Dichlorobenzene	ND		2000	260
106-46-7	1,4-Dichlorobenzene	ND		2000	320
123-91-1	1,4-Dioxane	ND		400000	39000
591-78-6	2-Hexanone	ND		10000	3400
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10000	2000
67-64-1	Acetone	ND		20000	3800
71-43-2	Benzene	ND		2000	320
75-25-2	Bromoform	ND		2000	920
74-83-9	Bromomethane	ND		4000	420
75-15-0	Carbon disulfide	ND		4000	330
56-23-5	Carbon tetrachloride	ND		2000	380
108-90-7	Chlorobenzene	ND		2000	340
74-97-5	Chlorobromomethane	ND		2000	200
124-48-1	Chlorodibromomethane	ND		2000	340
75-00-3	Chloroethane	ND		4000	820
67-66-3	Chloroform	ND		2000	320
74-87-3	Chloromethane	ND		4000	600
156-59-2	cis-1,2-Dichloroethene	37000		2000	300
10061-01-5	cis-1,3-Dichloropropene	ND		2000	320
75-27-4	Dichlorobromomethane	ND		2000	340
75-71-8	Dichlorodifluoromethane	ND		4000	620
100-41-4	Ethylbenzene	ND		2000	320
98-82-8	Isopropylbenzene	ND		2000	380
75-09-2	Methylene Chloride	ND		4000	1900
179601-23-1	m-Xylene & p-Xylene	ND		4000	310
95-47-6	o-Xylene	ND		2000	380
100-42-5	Styrene	ND		2000	710

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW14-DUP Lab Sample ID: 280-147236-6  
 Matrix: Water Lab File ID: P3430.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 11:10  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 05:01  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2000  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		2000	400
108-88-3	Toluene	ND		2000	340
156-60-5	trans-1,2-Dichloroethene	ND		2000	300
10061-02-6	trans-1,3-Dichloropropene	ND		6000	380
79-01-6	Trichloroethene	300000		2000	320
75-69-4	Trichlorofluoromethane	ND		4000	580
75-01-4	Vinyl chloride	ND		2000	200
78-93-3	2-Butanone (MEK)	ND		12000	4000
106-93-4	1,2-Dibromoethane	ND		2000	360
1634-04-4	Methyl tert-butyl ether	ND		10000	500
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		6000	360
87-61-6	1,2,3-Trichlorobenzene	ND		2000	420
120-82-1	1,2,4-Trichlorobenzene	ND		2000	420
110-82-7	Cyclohexane	ND		4000	560
79-20-9	Methyl acetate	ND		10000	3300
108-87-2	Methylcyclohexane	ND		2000	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-127
460-00-4	4-Bromofluorobenzene (Surr)	98		78-120
2037-26-5	Toluene-d8 (Surr)	100		80-125
1868-53-7	Dibromofluoromethane (Surr)	99		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW7 Lab Sample ID: 280-147236-7  
 Matrix: Water Lab File ID: P3431.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 11:36  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 05:24  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2000  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2000	320
79-34-5	1,1,2,2-Tetrachloroethane	ND		2000	420
79-00-5	1,1,2-Trichloroethane	ND		2000	540
75-34-3	1,1-Dichloroethane	ND		2000	440
75-35-4	1,1-Dichloroethene	ND		2000	460
96-12-8	1,2-Dibromo-3-Chloropropane	ND		10000	940
95-50-1	1,2-Dichlorobenzene	ND		2000	300
107-06-2	1,2-Dichloroethane	ND		2000	260
78-87-5	1,2-Dichloropropane	ND		2000	360
541-73-1	1,3-Dichlorobenzene	ND		2000	260
106-46-7	1,4-Dichlorobenzene	ND		2000	320
123-91-1	1,4-Dioxane	ND		400000	39000
591-78-6	2-Hexanone	ND		10000	3400
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10000	2000
67-64-1	Acetone	ND		20000	3800
71-43-2	Benzene	ND		2000	320
75-25-2	Bromoform	ND		2000	920
74-83-9	Bromomethane	ND		4000	420
75-15-0	Carbon disulfide	ND		4000	330
56-23-5	Carbon tetrachloride	ND		2000	380
108-90-7	Chlorobenzene	ND		2000	340
74-97-5	Chlorobromomethane	ND		2000	200
124-48-1	Chlorodibromomethane	ND		2000	340
75-00-3	Chloroethane	ND		4000	820
67-66-3	Chloroform	ND		2000	320
74-87-3	Chloromethane	ND		4000	600
156-59-2	cis-1,2-Dichloroethene	5500		2000	300
10061-01-5	cis-1,3-Dichloropropene	ND		2000	320
75-27-4	Dichlorobromomethane	ND		2000	340
75-71-8	Dichlorodifluoromethane	ND		4000	620
100-41-4	Ethylbenzene	ND		2000	320
98-82-8	Isopropylbenzene	ND		2000	380
75-09-2	Methylene Chloride	ND		4000	1900
179601-23-1	m-Xylene & p-Xylene	ND		4000	310
95-47-6	o-Xylene	ND		2000	380
100-42-5	Styrene	ND		2000	710

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW7 Lab Sample ID: 280-147236-7  
 Matrix: Water Lab File ID: P3431.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 11:36  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 05:24  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2000  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	1800	J	2000	400
108-88-3	Toluene	ND		2000	340
156-60-5	trans-1,2-Dichloroethene	ND		2000	300
10061-02-6	trans-1,3-Dichloropropene	ND		6000	380
79-01-6	Trichloroethene	300000		2000	320
75-69-4	Trichlorofluoromethane	ND		4000	580
75-01-4	Vinyl chloride	ND		2000	200
78-93-3	2-Butanone (MEK)	ND		12000	4000
106-93-4	1,2-Dibromoethane	ND		2000	360
1634-04-4	Methyl tert-butyl ether	ND		10000	500
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		6000	360
87-61-6	1,2,3-Trichlorobenzene	ND		2000	420
120-82-1	1,2,4-Trichlorobenzene	ND		2000	420
110-82-7	Cyclohexane	ND		4000	560
79-20-9	Methyl acetate	ND		10000	3300
108-87-2	Methylcyclohexane	ND		2000	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-127
460-00-4	4-Bromofluorobenzene (Surr)	98		78-120
2037-26-5	Toluene-d8 (Surr)	100		80-125
1868-53-7	Dibromofluoromethane (Surr)	98		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW6 Lab Sample ID: 280-147236-8  
 Matrix: Water Lab File ID: P3434.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 12:50  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 06:33  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1000  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1000	160
79-34-5	1,1,2,2-Tetrachloroethane	ND		1000	210
79-00-5	1,1,2-Trichloroethane	ND		1000	270
75-34-3	1,1-Dichloroethane	ND		1000	220
75-35-4	1,1-Dichloroethene	ND		1000	230
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5000	470
95-50-1	1,2-Dichlorobenzene	ND		1000	150
107-06-2	1,2-Dichloroethane	ND		1000	130
78-87-5	1,2-Dichloropropane	ND		1000	180
541-73-1	1,3-Dichlorobenzene	ND		1000	130
106-46-7	1,4-Dichlorobenzene	ND		1000	160
123-91-1	1,4-Dioxane	ND		200000	19000
591-78-6	2-Hexanone	ND		5000	1700
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5000	980
67-64-1	Acetone	ND		10000	1900
71-43-2	Benzene	ND		1000	160
75-25-2	Bromoform	ND		1000	460
74-83-9	Bromomethane	ND		2000	210
75-15-0	Carbon disulfide	ND		2000	170
56-23-5	Carbon tetrachloride	ND		1000	190
108-90-7	Chlorobenzene	ND		1000	170
74-97-5	Chlorobromomethane	ND		1000	100
124-48-1	Chlorodibromomethane	ND		1000	170
75-00-3	Chloroethane	ND		2000	410
67-66-3	Chloroform	ND		1000	160
74-87-3	Chloromethane	ND		2000	300
156-59-2	cis-1,2-Dichloroethene	2000		1000	150
10061-01-5	cis-1,3-Dichloropropene	ND		1000	160
75-27-4	Dichlorobromomethane	ND		1000	170
75-71-8	Dichlorodifluoromethane	ND		2000	310
100-41-4	Ethylbenzene	ND		1000	160
98-82-8	Isopropylbenzene	ND		1000	190
75-09-2	Methylene Chloride	ND		2000	940
179601-23-1	m-Xylene & p-Xylene	ND		2000	150
95-47-6	o-Xylene	ND		1000	190
100-42-5	Styrene	ND		1000	360

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW6 Lab Sample ID: 280-147236-8  
 Matrix: Water Lab File ID: P3434.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 12:50  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 06:33  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1000  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1000	200
108-88-3	Toluene	ND		1000	170
156-60-5	trans-1,2-Dichloroethene	ND		1000	150
10061-02-6	trans-1,3-Dichloropropene	ND		3000	190
79-01-6	Trichloroethene	120000		1000	160
75-69-4	Trichlorofluoromethane	ND		2000	290
75-01-4	Vinyl chloride	ND		1000	100
78-93-3	2-Butanone (MEK)	ND		6000	2000
106-93-4	1,2-Dibromoethane	ND		1000	180
1634-04-4	Methyl tert-butyl ether	ND		5000	250
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		3000	180
87-61-6	1,2,3-Trichlorobenzene	510	J	1000	210
120-82-1	1,2,4-Trichlorobenzene	400	J	1000	210
110-82-7	Cyclohexane	ND		2000	280
79-20-9	Methyl acetate	ND		5000	1600
108-87-2	Methylcyclohexane	ND		1000	100

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-127
460-00-4	4-Bromofluorobenzene (Surr)	98		78-120
2037-26-5	Toluene-d8 (Surr)	100		80-125
1868-53-7	Dibromofluoromethane (Surr)	98		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW4 Lab Sample ID: 280-147236-9  
 Matrix: Water Lab File ID: P3435.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 14:26  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 06:57  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 200  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		200	32
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	42
79-00-5	1,1,2-Trichloroethane	ND		200	54
75-34-3	1,1-Dichloroethane	ND		200	44
75-35-4	1,1-Dichloroethene	110	J	200	46
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1000	94
95-50-1	1,2-Dichlorobenzene	ND		200	30
107-06-2	1,2-Dichloroethane	ND		200	26
78-87-5	1,2-Dichloropropane	ND		200	36
541-73-1	1,3-Dichlorobenzene	ND		200	26
106-46-7	1,4-Dichlorobenzene	ND		200	32
123-91-1	1,4-Dioxane	ND		40000	3900
591-78-6	2-Hexanone	ND		1000	340
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1000	200
67-64-1	Acetone	ND		2000	380
71-43-2	Benzene	ND		200	32
75-25-2	Bromoform	ND		200	92
74-83-9	Bromomethane	ND		400	42
75-15-0	Carbon disulfide	ND		400	33
56-23-5	Carbon tetrachloride	ND		200	38
108-90-7	Chlorobenzene	ND		200	34
74-97-5	Chlorobromomethane	ND		200	20
124-48-1	Chlorodibromomethane	ND		200	34
75-00-3	Chloroethane	ND		400	82
67-66-3	Chloroform	ND		200	32
74-87-3	Chloromethane	ND		400	60
156-59-2	cis-1,2-Dichloroethene	3700		200	30
10061-01-5	cis-1,3-Dichloropropene	ND		200	32
75-27-4	Dichlorobromomethane	ND		200	34
75-71-8	Dichlorodifluoromethane	ND		400	62
100-41-4	Ethylbenzene	ND		200	32
98-82-8	Isopropylbenzene	ND		200	38
75-09-2	Methylene Chloride	ND		400	190
179601-23-1	m-Xylene & p-Xylene	ND		400	31
95-47-6	o-Xylene	ND		200	38
100-42-5	Styrene	ND		200	71

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW4 Lab Sample ID: 280-147236-9  
 Matrix: Water Lab File ID: P3435.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 14:26  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 06:57  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 200  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		200	40
108-88-3	Toluene	ND		200	34
156-60-5	trans-1,2-Dichloroethene	ND		200	30
10061-02-6	trans-1,3-Dichloropropene	ND		600	38
79-01-6	Trichloroethene	32000		200	32
75-69-4	Trichlorofluoromethane	ND		400	58
75-01-4	Vinyl chloride	ND		200	20
78-93-3	2-Butanone (MEK)	ND		1200	400
106-93-4	1,2-Dibromoethane	ND		200	36
1634-04-4	Methyl tert-butyl ether	ND		1000	50
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		600	36
87-61-6	1,2,3-Trichlorobenzene	ND		200	42
120-82-1	1,2,4-Trichlorobenzene	ND		200	42
110-82-7	Cyclohexane	ND		400	56
79-20-9	Methyl acetate	ND		1000	330
108-87-2	Methylcyclohexane	ND		200	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-127
460-00-4	4-Bromofluorobenzene (Surr)	98		78-120
2037-26-5	Toluene-d8 (Surr)	99		80-125
1868-53-7	Dibromofluoromethane (Surr)	98		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW1 Lab Sample ID: 280-147236-10  
 Matrix: Water Lab File ID: P3436.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 14:15  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 07:20  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 50  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		50	8.0
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	11
79-00-5	1,1,2-Trichloroethane	ND		50	14
75-34-3	1,1-Dichloroethane	ND		50	11
75-35-4	1,1-Dichloroethene	ND		50	12
96-12-8	1,2-Dibromo-3-Chloropropane	ND		250	24
95-50-1	1,2-Dichlorobenzene	ND		50	7.5
107-06-2	1,2-Dichloroethane	ND		50	6.5
78-87-5	1,2-Dichloropropane	ND		50	9.0
541-73-1	1,3-Dichlorobenzene	ND		50	6.5
106-46-7	1,4-Dichlorobenzene	ND		50	8.0
123-91-1	1,4-Dioxane	ND		10000	970
591-78-6	2-Hexanone	ND		250	85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		250	49
67-64-1	Acetone	ND		500	95
71-43-2	Benzene	ND		50	8.0
75-25-2	Bromoform	ND		50	23
74-83-9	Bromomethane	ND		100	11
75-15-0	Carbon disulfide	ND		100	8.4
56-23-5	Carbon tetrachloride	ND		50	9.5
108-90-7	Chlorobenzene	ND		50	8.5
74-97-5	Chlorobromomethane	ND		50	5.0
124-48-1	Chlorodibromomethane	ND		50	8.5
75-00-3	Chloroethane	ND		100	21
67-66-3	Chloroform	ND		50	8.0
74-87-3	Chloromethane	ND		100	15
156-59-2	cis-1,2-Dichloroethene	430		50	7.5
10061-01-5	cis-1,3-Dichloropropene	ND		50	8.0
75-27-4	Dichlorobromomethane	ND		50	8.5
75-71-8	Dichlorodifluoromethane	ND		100	16
100-41-4	Ethylbenzene	ND		50	8.0
98-82-8	Isopropylbenzene	ND		50	9.5
75-09-2	Methylene Chloride	ND		100	47
179601-23-1	m-Xylene & p-Xylene	ND		100	7.7
95-47-6	o-Xylene	ND		50	9.5
100-42-5	Styrene	ND		50	18

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW1 Lab Sample ID: 280-147236-10  
 Matrix: Water Lab File ID: P3436.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 14:15  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 07:20  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 50  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		50	10
108-88-3	Toluene	ND		50	8.5
156-60-5	trans-1,2-Dichloroethene	ND		50	7.5
10061-02-6	trans-1,3-Dichloropropene	ND		150	9.5
79-01-6	Trichloroethene	8900		50	8.0
75-69-4	Trichlorofluoromethane	ND		100	15
75-01-4	Vinyl chloride	ND		50	5.0
78-93-3	2-Butanone (MEK)	ND		300	100
106-93-4	1,2-Dibromoethane	ND		50	9.0
1634-04-4	Methyl tert-butyl ether	ND		250	13
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		150	9.1
87-61-6	1,2,3-Trichlorobenzene	ND		50	11
120-82-1	1,2,4-Trichlorobenzene	ND		50	11
110-82-7	Cyclohexane	ND		100	14
79-20-9	Methyl acetate	ND		250	82
108-87-2	Methylcyclohexane	ND		50	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-127
460-00-4	4-Bromofluorobenzene (Surr)	97		78-120
2037-26-5	Toluene-d8 (Surr)	100		80-125
1868-53-7	Dibromofluoromethane (Surr)	99		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-DW1 Lab Sample ID: 280-147236-11  
 Matrix: Water Lab File ID: P3437.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 15:44  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 07:44  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2.0	0.32
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.42
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.54
75-34-3	1,1-Dichloroethane	ND		2.0	0.44
75-35-4	1,1-Dichloroethene	ND		2.0	0.46
96-12-8	1,2-Dibromo-3-Chloropropane	ND		10	0.94
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.30
107-06-2	1,2-Dichloroethane	ND		2.0	0.26
78-87-5	1,2-Dichloropropane	ND		2.0	0.36
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.26
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.32
123-91-1	1,4-Dioxane	ND		400	39
591-78-6	2-Hexanone	ND		10	3.4
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	2.0
67-64-1	Acetone	ND		20	3.8
71-43-2	Benzene	ND		2.0	0.32
75-25-2	Bromoform	ND		2.0	0.92
74-83-9	Bromomethane	ND		4.0	0.42
75-15-0	Carbon disulfide	ND		4.0	0.33
56-23-5	Carbon tetrachloride	ND		2.0	0.38
108-90-7	Chlorobenzene	ND		2.0	0.34
74-97-5	Chlorobromomethane	ND		2.0	0.20
124-48-1	Chlorodibromomethane	ND		2.0	0.34
75-00-3	Chloroethane	ND		4.0	0.82
67-66-3	Chloroform	ND		2.0	0.32
74-87-3	Chloromethane	ND		4.0	0.60
156-59-2	cis-1,2-Dichloroethene	7.1		2.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.32
75-27-4	Dichlorobromomethane	ND		2.0	0.34
75-71-8	Dichlorodifluoromethane	ND		4.0	0.62
100-41-4	Ethylbenzene	ND		2.0	0.32
98-82-8	Isopropylbenzene	ND		2.0	0.38
75-09-2	Methylene Chloride	ND		4.0	1.9
179601-23-1	m-Xylene & p-Xylene	ND		4.0	0.31
95-47-6	o-Xylene	ND		2.0	0.38
100-42-5	Styrene	ND		2.0	0.71

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-DW1 Lab Sample ID: 280-147236-11  
 Matrix: Water Lab File ID: P3437.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 15:44  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 07:44  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		2.0	0.40
108-88-3	Toluene	ND		2.0	0.34
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.30
10061-02-6	trans-1,3-Dichloropropene	ND		6.0	0.38
79-01-6	Trichloroethene	230		2.0	0.32
75-69-4	Trichlorofluoromethane	ND		4.0	0.58
75-01-4	Vinyl chloride	ND		2.0	0.20
78-93-3	2-Butanone (MEK)	ND		12	4.0
106-93-4	1,2-Dibromoethane	ND		2.0	0.36
1634-04-4	Methyl tert-butyl ether	ND		10	0.50
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		6.0	0.36
87-61-6	1,2,3-Trichlorobenzene	ND		2.0	0.42
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.42
110-82-7	Cyclohexane	ND		4.0	0.56
79-20-9	Methyl acetate	ND		10	3.3
108-87-2	Methylcyclohexane	ND		2.0	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-127
460-00-4	4-Bromofluorobenzene (Surr)	96		78-120
2037-26-5	Toluene-d8 (Surr)	100		80-125
1868-53-7	Dibromofluoromethane (Surr)	98		77-120

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 527052

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 02/23/2021 11:21 Calibration End Date: 02/23/2021 15:12 Calibration ID: 51316

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 280-527052/13	P1323.D
Level 2	STD010 280-527052/14	P1324.D
Level 3	STD020 280-527052/15	P1325.D
Level 4	STD050 280-527052/16	P1326.D
Level 5	STD10 280-527052/17	P1327.D
Level 6	ICIS 280-527052/18	P1328.D
Level 7	STD75 280-527052/19	P1333.D
Level 8	STD100 280-527052/20	P1330.D
Level 9	STD200 280-527052/21	P1331.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Dichlorodifluoromethane	++++ 0.2073	0.1796 0.2104	0.1624 0.1960	0.2325 0.1864	0.2117	Ave		0.198 3			11.1		15.0				
Chloromethane	++++ 0.2426	0.3879 0.2551	0.2568 0.2379	0.2828 0.2351	0.2565	Lin2	0.128 8	0.239 6		0.1000			0.9900		0.9900		
Vinyl chloride	0.2526 0.2405	0.3116 0.2405	0.2301 0.2303	0.2712 ++++	0.2481	Ave		0.253 1		10.7		30.0					
Bromomethane	++++ 0.0977	0.2212 0.1052	0.1405 ++++	0.1310 ++++	0.1158	Lin1	0.112 8	0.100 8					0.9980		0.9900		
Chloroethane	++++ 0.1448	0.2345 0.1448	0.1657 0.1327	0.1602 0.1271	0.1536	Lin2	0.091 2	0.136 8					0.9940		0.9900		
Dichlorofluoromethane	0.3235 0.3406	0.4391 0.3389	0.3363 0.3270	0.3745 0.3157	0.3449	Ave		0.348 9		10.8		15.0					
Trichlorofluoromethane	0.2689 0.2882	0.2927 0.2898	0.2677 0.2764	0.3207 0.2680	0.2939	Ave		0.285 2		6.0		15.0					
Ethyl ether	0.1791 0.1742	0.1923 0.1663	0.1765 0.1644	0.1801 0.1698	0.1701	Ave		0.174 8		4.9		15.0					
Acrolein	0.0512 0.0497	0.0491 0.0511	0.0478 0.0498	0.0503 0.0521	0.0487	Ave		0.050 0		2.7		15.0					
1,1-Dichloroethene	0.1599 0.1564	0.1709 0.1469	0.1550 0.1472	0.1573 0.1619	0.1451	Ave		0.155 6		5.3		30.0					
Freon 113	0.1068 0.1130	0.0945 0.1066	0.1147 0.1028	0.1190 0.1143	0.1058	Ave		0.108 6		6.9		15.0					
Acetone	++++ 0.0863	0.1151 0.0883	0.1022 0.0822	0.0933 0.0889	0.0890	Lin2	0.117 7	0.086 4					0.9990		0.9900		

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 527052

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 02/23/2021 11:21 Calibration End Date: 02/23/2021 15:12 Calibration ID: 51316

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Iodomethane	++++ 0.1836	0.2074 0.1576	0.1402 0.1669	0.1346 0.1731	0.1406	Lin1	-0.02 8	0.169 5						0.9970		0.9900	
Carbon disulfide	0.6716 0.5310	0.7010 0.4904	0.5584 0.4827	0.5496 0.5278	0.4987	Lin2	0.099 9	0.514 1						0.9930		0.9900	
Methyl acetate	0.3568 0.2173	0.2435 0.2144	0.2309 0.2067	0.2271 0.2156	0.2184	Lin2	0.130 8	0.208 8						0.9940		0.9900	
Allyl chloride	0.4551 0.3049	0.3895 0.2856	0.3185 0.2807	0.3237 0.2586	0.2880	Lin2	0.088 8	0.284 8						0.9960		0.9900	
Methylene Chloride	0.2434 0.1963	0.2858 0.1850	0.2160 0.1850	0.2144 0.1948	0.1873	Lin1	0.050 3	0.190 5						0.9990		0.9900	
Tert-butyl alcohol (2-methyl-2-propanol)	0.0426 0.0380	0.0372 0.0389	0.0390 0.0364	0.0413 0.0381	0.0384	Ave		0.038 9			4.9		15.0				
Acrylonitrile	0.1185 0.1115	0.1096 0.1134	0.1106 0.1074	0.1161 0.1125	0.1128	Ave		0.112 5			3.0		15.0				
Methyl tert-butyl ether	0.7702 0.6385	0.7174 0.6164	0.6517 0.6134	0.6679 0.6328	0.6245	Ave		0.659 2			8.0		15.0				
trans-1,2-Dichloroethene	++++ 0.1805	0.2079 0.1694	0.1877 0.1646	0.1853 0.1841	0.1677	Ave		0.180 9			7.8		15.0				
Hexane	1.2815 1.0901	1.1050 1.0290	1.0824 1.0024	1.1893 1.0883	1.0246	Ave		1.099 2			8.0		15.0				
Vinyl acetate	0.6819 0.5765	0.5958 0.5546	0.5567 0.5460	0.5999 0.5553	0.5671	Ave		0.581 5			7.2		15.0				
1,1-Dichloroethane	0.3562 0.3477	0.4215 0.3287	0.3566 0.3303	0.3618 0.3510	0.3374	Ave		0.354 6		0.1000	7.8		15.0				
2-Butanone (MEK)	0.1964 0.1458	0.1510 0.1450	0.1557 0.1383	0.1549 0.1458	0.1463	Ave		0.153 3			11.1		15.0				
cis-1,2-Dichloroethene	++++ 0.2054	0.2315 0.1938	0.2227 0.1950	0.2166 0.2060	0.2009	Ave		0.209 0			6.4		15.0				
2,2-Dichloropropane	++++ 0.2988	0.3466 0.2827	0.3028 0.2690	0.3252 0.3008	0.2900	Ave		0.302 0			8.1		15.0				
sec-Butyl Alcohol	0.0314 0.0303	0.0274 0.0311	0.0296 0.0292	0.0323 0.0307	0.0308	Ave		0.030 3			4.7		15.0				
Chlorobromomethane	0.1134 0.0908	0.1063 0.0831	0.0968 0.0829	0.0997 0.0852	0.0935	Ave		0.094 6			11.2		15.0				
Tetrahydrofuran	0.1238 0.0967	0.1068 0.0983	0.1054 0.0936	0.1034 0.0995	0.0985	Ave		0.102 9			8.7		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 527052

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 02/23/2021 11:21 Calibration End Date: 02/23/2021 15:12 Calibration ID: 51316

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Chloroform	0.3713 0.3340	0.3636 0.3160	0.3443 0.3155	0.3387 0.3350	0.3177	Ave		0.337 3			6.0		30.0				
1,1,1-Trichloroethane	0.2864 0.2892	0.3015 0.2680	0.2914 0.2704	0.2992 0.2903	0.2718	Ave		0.285 4			4.4		15.0				
Cyclohexane	0.3257 0.3305	0.3069 0.3085	0.3373 0.3030	0.3553 0.3367	0.3114	Ave		0.323 9			5.5		15.0				
1,1-Dichloropropene	0.2483 0.2705	0.3061 0.2506	0.2701 0.2506	0.2758 0.2759	0.2546	Ave		0.266 9			6.9		15.0				
Carbon tetrachloride	0.2504 0.2375	0.2515 0.2227	0.2419 0.2192	0.2452 0.2421	0.2199	Ave		0.236 7			5.4		15.0				
Isobutyl alcohol	0.0123 0.0125	0.0130 0.0127	0.0119 0.0119	0.0129 0.0128	0.0125	Ave		0.012 5			3.4		15.0				
Benzene	0.8522 0.7975	0.9253 0.7499	0.8225 0.7528	0.8295 0.7909	0.7665	Ave		0.809 7			6.9		15.0				
1,2-Dichloroethane	0.3530 0.2808	0.3439 0.2676	0.2946 0.2671	0.2975 0.2813	0.2759	Ave		0.295 8			10.7		15.0				
n-Heptane	++++ 0.2227	0.2465 0.2219	0.2349 0.2079	0.2422 0.2310	0.2125	Ave		0.227 4			6.0		15.0				
Trichloroethene	++++ 0.8452	0.9234 0.7875	0.9035 0.7883	0.8273 0.8436	0.7960	Ave		0.839 4			6.1		15.0				
2-Pentanone	0.2315 0.2312	0.2285 0.2341	0.2335 0.2232	0.2391 0.2340	0.2330	Ave		0.232 0			1.9		15.0				
Methylcyclohexane	0.2947 0.2477	0.2311 0.2353	0.2719 0.2306	0.2564 0.2557	0.2276	Ave		0.250 1			8.9		15.0				
1,2-Dichloropropane	0.2429 0.2124	0.2433 0.2010	0.2166 0.2023	0.2198 0.2146	0.2014	Ave		0.217 1			7.5		30.0				
1,4-Dioxane	0.0057 0.0040	0.0040 0.0040	0.0039 0.0038	0.0041 0.0040	0.0040	Ave		0.004 2			13.3		15.0				
Dibromomethane	0.1598 0.1317	0.1548 0.1267	0.1348 0.1273	0.1396 0.1328	0.1270	Ave		0.137 2			8.9		15.0				
Dichlorobromomethane	0.3193 0.2704	0.2874 0.2573	0.2585 0.2548	0.2725 0.2698	0.2574	Ave		0.271 9			7.6		15.0				
2-Chloroethyl vinyl ether	0.1794 0.1533	0.1712 0.1531	0.1601 0.1478	0.1815 0.1436	0.1688	Ave		0.162 1			8.5		15.0				
cis-1,3-Dichloropropene	1.6514 1.5108	1.6462 1.4280	1.4478 1.4308	1.5129 1.4985	1.4465	Ave		1.508 1			5.7		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 527052

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 02/23/2021 11:21 Calibration End Date: 02/23/2021 15:12 Calibration ID: 51316

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
4-Methyl-2-pentanone (MIBK)	0.2864 0.2860	0.2664 0.2899	0.2877 0.2767	0.2944 0.2897	0.2906	Ave	0.285 3			3.0	15.0						
Toluene	0.8530 0.8316	0.9096 0.7767	0.8268 0.7820	0.8564 0.8263	0.7821	Ave	0.827 2			5.2	30.0						
trans-1,3-Dichloropropene	0.3743 0.3294	0.3317 0.3171	0.3273 0.3122	0.3384 0.3327	0.3184	Ave	0.331 3			5.5	15.0						
Ethyl methacrylate	1.4779 1.4627	1.4965 1.4128	1.4375 1.4120	1.4803 1.4547	1.4161	Ave	1.450 1			2.2	15.0						
1,1,2-Trichloroethane	0.1876 0.1800	0.1997 0.1756	0.1817 0.1736	0.1811 0.1807	0.1739	Ave	0.181 5			4.5	15.0						
Tetrachloroethene	0.5648 0.5916	0.5830 0.5539	0.5818 0.5518	0.5841 0.5979	0.5311	Ave	0.571 1			3.9	15.0						
1,3-Dichloropropane	1.5746 1.4708	1.4452 1.4096	1.4280 1.4156	1.4798 1.4469	1.4178	Ave	1.454 3			3.5	15.0						
Methyl n-butyl ketone (MNBK)	0.9999 0.9341	0.8415 0.9317	0.9036 0.9014	0.9522 0.9297	0.9321	Ave	0.925 1			4.6	15.0						
Chlorodibromomethane	0.9657 0.8493	0.8701 0.8225	0.8190 0.8255	0.8434 0.8522	0.8067	Ave	0.850 5			5.6	15.0						
1,2-Dibromoethane	0.9838 0.8573	0.9001 0.8218	0.8322 0.8234	0.8548 0.8449	0.8291	Ave	0.860 8			6.1	15.0						
1-Chlorohexane	++++ 1.1278	1.5855 1.0513	1.2959 1.0524	1.2117 1.1218	1.0870	Lin2	0.397 9	1.076 8					0.9990		0.9900		
Chlorobenzene	2.6750 2.1902	2.2842 2.0729	2.2087 2.0791	2.2591 2.1720	2.0782	Ave	2.224 4		0.3000	8.4	15.0						
1,1,1,2-Tetrachloroethane	0.8192 0.7944	0.7961 0.7498	0.7506 0.7571	0.8123 0.8006	0.7470	Ave	0.780 8			3.7	15.0						
Ethylbenzene	1.3153 1.2415	1.3321 1.1623	1.2325 1.1792	1.2699 1.2652	1.1696	Ave	1.240 8			5.0	30.0						
m-Xylene & p-Xylene	1.6510 1.5067	1.5799 1.4190	1.5299 1.4456	1.5194 1.5202	1.4014	Ave	1.508 1			5.2	15.0						
o-Xylene	1.5693 1.4522	1.5527 1.3742	1.4225 1.4098	1.4724 1.4551	1.3707	Ave	1.453 2			4.8	15.0						
Styrene	2.8346 2.5650	2.5539 2.4531	2.5120 2.4841	2.5769 2.5804	2.4148	Ave	2.552 8			4.7	15.0						
Bromoform	0.5533 0.6037	0.5833 0.6002	0.5559 0.5927	0.5867 0.6061	0.5723	Ave	0.583 8		0.1000	3.4	15.0						

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 527052

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 02/23/2021 11:21 Calibration End Date: 02/23/2021 15:12 Calibration ID: 51316

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Isopropylbenzene	2.6681 2.5182	2.7047 2.3728	2.6148 2.3835	2.5843 2.5261	2.3977	Ave		2.530 0			4.9	15.0					
Cyclohexanone	0.1233 0.1000	0.1044 0.1024	0.1180 +++++	0.1055 +++++	0.1005	Ave		0.107 7			8.5	15.0					
1,1,2,2-Tetrachloroethane	0.9242 0.8357	0.8990 0.8299	0.8402 0.8035	0.8792 0.8462	0.8371	Ave		0.855 0		0.3000	4.5	15.0					
Bromobenzene	0.6868 0.5996	0.6108 0.5714	0.6075 0.5671	0.6249 0.5973	0.5782	Ave		0.604 8			6.0	15.0					
trans-1,4-Dichloro-2-butene	0.2620 0.2976	0.3123 0.2984	0.3031 0.2877	0.3114 0.3167	0.2942	Ave		0.298 2			5.5	15.0					
1,2,3-Trichloropropane	0.3118 0.2518	0.2924 0.2507	0.2569 0.2381	0.2742 0.2526	0.2495	Ave		0.264 2			9.1	15.0					
N-Propylbenzene	0.7242 0.6747	0.7132 0.6424	0.6880 0.6417	0.6913 0.6879	0.6263	Ave		0.676 6			5.0	15.0					
2-Chlorotoluene	0.6362 0.5768	0.6441 0.5512	0.5990 0.5555	0.6013 0.5896	0.5581	Ave		0.590 2			5.7	15.0					
1,3,5-Trimethylbenzene	2.3592 2.0488	2.0995 1.9847	2.0211 1.9496	2.0972 2.0467	1.9509	Ave		2.062 0			6.0	15.0					
4-Chlorotoluene	0.6944 0.6077	0.6291 0.5760	0.6200 0.5741	0.6204 0.6107	0.5760	Ave		0.612 1			6.1	15.0					
tert-Butylbenzene	1.8161 1.6604	1.7570 1.5955	1.7043 1.5811	1.7503 1.6589	1.5665	Ave		1.676 7			5.2	15.0					
1,2,4-Trimethylbenzene	2.2691 2.1047	2.1726 2.0167	2.0906 2.0076	2.1454 2.0851	1.9696	Ave		2.095 7			4.4	15.0					
sec-Butylbenzene	0.5368 0.4850	0.5087 0.4566	0.4789 0.4586	0.5074 0.4849	0.4533	Ave		0.485 6			5.8	15.0					
1,3-Dichlorobenzene	1.1820 1.0774	1.0962 1.0338	1.0636 1.0395	1.1084 1.0924	1.0411	Ave		1.081 6			4.3	15.0					
4-Isopropyltoluene	2.2222 2.0384	2.1202 1.9296	2.0651 1.9185	2.0769 2.0467	1.9270	Ave		2.038 3			4.9	15.0					
1,4-Dichlorobenzene	1.3794 1.1053	1.1811 1.0581	1.1450 1.0567	1.1255 1.1109	1.0624	Ave		1.136 1			8.8	15.0					
n-Butylbenzene	2.1537 1.8788	1.9318 1.8478	1.8878 1.8004	1.9321 1.9226	1.7600	Ave		1.901 7			5.9	15.0					
1,2-Dichlorobenzene	1.1920 1.0357	1.0401 1.0110	1.0264 0.9966	1.0674 1.0333	0.9996	Ave		1.044 7			5.7	15.0					

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 527052

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 02/23/2021 11:21 Calibration End Date: 02/23/2021 15:12 Calibration ID: 51316

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
1,2-Dibromo-3-Chloropropane	0.1824 0.1904	0.1815 0.1975	0.1914 0.1897	0.2018 0.2008	0.1878	Ave		0.191 5			3.8		15.0				
1,2,4-Trichlorobenzene	0.7147 0.5986	0.5653 0.5904	0.5627 0.5838	0.5981 0.6099	0.5543	Ave		0.597 6			8.0		15.0				
Hexachlorobutadiene	0.2272 0.2177	0.1803 0.2217	0.2045 0.2089	0.2074 0.2249	0.1853	Ave		0.208 7			8.0		15.0				
Naphthalene	2.5914 2.2067	2.1613 2.2246	2.1338 2.1414	2.2543 2.2192	2.1158	Ave		2.227 6			6.5		15.0				
1,2,3-Trichlorobenzene	0.6322 0.5488	0.5015 0.5422	0.5293 0.5430	0.5475 0.5613	0.4988	Ave		0.544 9			7.2		15.0				
Dibromofluoromethane (Surr)	0.2491 0.2499	0.2503 0.2466	0.2525 0.2461	0.2504 0.2485	0.2508	Ave		0.249 4			0.8		15.0				
1,2-Dichloroethane-d4 (Surr)	0.2989 0.2984	0.3040 0.2944	0.3023 0.2960	0.3063 0.3002	0.3004	Ave		0.300 1			1.3		15.0				
Toluene-d8 (Surr)	4.1838 4.2052	4.1054 4.1394	4.0972 4.1839	4.1291 4.1363	4.1469	Ave		4.147 5			0.9		15.0				
4-Bromofluorobenzene (Surr)	1.1320 1.1075	1.1307 1.1025	1.1117 1.0989	1.1298 1.1207	1.1254	Ave		1.117 7			1.1		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 527052

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 02/23/2021 11:21 Calibration End Date: 02/23/2021 15:12 Calibration ID: 51316

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 280-527052/13	P1323.D
Level 2	STD010 280-527052/14	P1324.D
Level 3	STD020 280-527052/15	P1325.D
Level 4	STD050 280-527052/16	P1326.D
Level 5	STD10 280-527052/17	P1327.D
Level 6	ICIS 280-527052/18	P1328.D
Level 7	STD75 280-527052/19	P1333.D
Level 8	STD100 280-527052/20	P1330.D
Level 9	STD200 280-527052/21	P1331.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Ave	++++ 240856	4172 367496	7472 464453	26251 884165	49029	++++ 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Chloromethane	FB	Lin2	++++ 281806	9011 445664	11815 563723	31922 1115424	59384	++++ 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Vinyl chloride	FB	Ave	2915 279431	7239 420023	10588 545612	30620 ++++	57436	0.500 50.0	1.00 75.0	2.00 100	5.00 ++++	10.0
Bromomethane	FB	Lin1	++++ 113453	5137 183693	6466 ++++	14794 ++++	26804	++++ 50.0	1.00 75.0	2.00 ++++	5.00 ++++	10.0
Chloroethane	FB	Lin2	++++ 168216	5447 252857	7625 314489	18080 602841	35559	++++ 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Dichlorofluoromethane	FB	Ave	3732 395671	10200 592023	15471 774772	42283 1497589	79866	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Trichlorofluoromethane	FB	Ave	3103 334859	6799 506208	12314 654886	36207 1271498	68060	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Ethyl ether	FB	Ave	2067 202430	4466 290543	8119 389627	20336 805563	39381	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Acrolein	FB	Ave	5835 570081	11254 882061	21707 1164225	56020 2442189	111259	4.94 494	9.88 741	19.8 988	49.4 1975	98.8
1,1-Dichloroethene	FB	Ave	1845 181678	3970 256623	7129 348762	17758 767963	33596	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Freon 113	FB	Ave	1232 131311	2195 186128	5278 243581	13430 542255	24490	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Acetone	FB	Lin2	++++ 401024	10693 616932	18799 778899	42133 1687452	82462	++++ 200	4.00 300	8.00 400	20.0 800	40.0
Iodomethane	FB	Lin1	++++ 4818	4818	6452	15198	32566	++++	1.00	2.00	5.00	10.0

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 527052

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 02/23/2021 11:21 Calibration End Date: 02/23/2021 15:12 Calibration ID: 51316

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			213318	275288	395512	821237		50.0	75.0	100	200	
Carbon disulfide	FB	Lin2	7749 616875	16284 856617	25691 1143707	62042 2504085	115463	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Methyl acetate	FB	Lin2	8234 504990	11314 749023	21250 979511	51287 2045484	101148	1.00 100	2.00 150	4.00 200	10.0 400	20.0
Allyl chloride	FB	Lin2	5251 354168	9048 498943	14651 665165	36546 1227116	66693	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Methylene Chloride	FB	Lin1	2808 228043	6638 323158	9939 438232	24203 924128	43359	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Tert-butyl alcohol (2-methyl-2-propanol)	FB	Ave	4910 441012	8642 678769	17942 863591	46581 1806695	89020	5.00 500	10.0 750	20.0 1000	50.0 2000	100
Acrylonitrile	FB	Ave	13673 1294979	25456 1981722	50887 2545294	131034 5336034	261226	5.00 500	10.0 750	20.0 1000	50.0 2000	100
Methyl tert-butyl ether	FB	Ave	8886 741760	16665 1076805	29982 1453239	75402 3002362	144610	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
trans-1,2-Dichloroethene	FB	Ave	++++ 209679	4830 295891	8636 389937	20922 873540	38824	++++ 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Hexane	CBNZ d5	Ave	3340 289142	5910 415080	11651 542105	31172 1197405	54607	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Vinyl acetate	FB	Ave	15736 1339581	27680 1937440	51224 2587485	135446 5269184	262628	1.00 100	2.00 150	4.00 200	10.0 400	20.0
1,1-Dichloroethane	FB	Ave	4110 404002	9791 574247	16407 782496	40843 1665494	78132	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
2-Butanone (MEK)	FB	Ave	9066 677573	14034 1013028	28648 1311009	69948 2767483	135515	2.00 200	4.00 300	8.00 400	20.0 800	40.0
cis-1,2-Dichloroethene	FB	Ave	++++ 238620	5378 338555	10247 461993	24450 977530	46524	++++ 50.0	1.00 75.0	2.00 100	5.00 200	10.0
2,2-Dichloropropane	FB	Ave	++++ 347087	8050 493786	13930 637461	36717 1427153	67159	++++ 50.0	1.00 75.0	2.00 100	5.00 200	10.0
sec-Butyl Alcohol	FB	Ave	8706 845021	15300 1303620	32738 1659321	87491 3500332	171255	12.0 1200	24.0 1800	48.0 2400	120 4800	240
Chlorobromomethane	FB	Ave	1308 105525	2470 145130	4452 196373	11260 404256	21660	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Tetrahydrofuran	FB	Ave	2857	4961	9697	23344	45618	1.00	2.00	4.00	10.0	20.0

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 527052

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 02/23/2021 11:21 Calibration End Date: 02/23/2021 15:12 Calibration ID: 51316

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			224651	343455	443744	944172		100	150	200	400	
Chloroform	FB	Ave	4284 388013	8445 552035	15842 747556	38232 1589471	73559	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,1,1-Trichloroethane	FB	Ave	3305 335938	7003 468205	13408 640749	33781 1377245	62924	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Cyclohexane	FB	Ave	3758 383951	7129 538812	15519 717976	40109 1597317	72106	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,1-Dichloropropene	FB	Ave	2865 314271	7111 437667	12428 593721	31136 1308928	58946	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Carbon tetrachloride	FB	Ave	2889 275972	5842 389048	11128 519401	27680 1148673	50921	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Isobutyl alcohol	FB	Ave	3555 361824	7570 555698	13667 702802	36409 1523685	72233	12.5 1250	25.0 1875	50.0 2500	125 5000	250
Benzene	FB	Ave	9833 926524	21493 1309996	37840 1783667	93649 3752463	177477	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,2-Dichloroethane	FB	Ave	4073 326285	7989 467527	13553 632751	33584 1334701	63892	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
n-Heptane	FB	Ave	++++ 258740	5726 387591	10807 492648	27343 1095753	49203	++++ 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Trichloroethene	CBNZ d5	Ave	++++ 224184	4939 317664	9725 426313	21683 928183	42423	++++ 50.0	1.00 75.0	2.00 100	5.00 200	10.0
2-Pentanone	FB	Ave	8548 859649	16983 1308495	34376 1692027	86390 3552366	172612	1.60 160	3.20 240	6.40 320	16.0 640	32.0
Methylcyclohexane	FB	Ave	3400 287717	5368 411029	12511 546459	28943 1213118	52690	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,2-Dichloropropane	FB	Ave	2802 246722	5652 351139	9967 479291	24810 1018076	46628	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,4-Dioxane	FB	Ave	1304 93107	1874 140815	3615 181963	9285 383234	18608	10.0 1000	20.0 1500	40.0 2000	100 4000	200
Dibromomethane	FB	Ave	1844 153018	3596 221235	6204 301495	15760 630210	29395	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Dichlorobromomethane	FB	Ave	3684 314118	6675 449430	11893 603596	30761 1279888	59601	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
2-Chloroethyl vinyl ether	FB	Ave	2070 178085	3976 267411	7364 350296	20487 681099	39090	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 527052

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 02/23/2021 11:21 Calibration End Date: 02/23/2021 15:12 Calibration ID: 51316

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
cis-1,3-Dichloropropene	CBNZ d5	Ave	4304	8805	15584	39652	77091	0.500	1.00	2.00	5.00	10.0
			400717	576038	773753	1648640		50.0	75.0	100	200	
4-Methyl-2-pentanone (MIBK)	FB	Ave	13216	24748	52945	132959	269111	2.00	4.00	8.00	20.0	40.0
			1329184	2025876	2622110	5498239		200	300	400	800	
Toluene	FB	Ave	9842	21129	38040	96677	181086	0.500	1.00	2.00	5.00	10.0
			966085	1356767	1852793	3920205		50.0	75.0	100	200	
trans-1,3-Dichloropropene	FB	Ave	4319	7705	15057	38204	73729	0.500	1.00	2.00	5.00	10.0
			382633	553915	739602	1578617		50.0	75.0	100	200	
Ethyl methacrylate	CBNZ d5	Ave	3852	8004	15473	38799	75467	0.500	1.00	2.00	5.00	10.0
			387981	569911	763588	1600469		50.0	75.0	100	200	
1,1,2-Trichloroethane	FB	Ave	2165	4639	8361	20449	40258	0.500	1.00	2.00	5.00	10.0
			209087	306790	411201	857277		50.0	75.0	100	200	
Tetrachloroethene	CBNZ d5	Ave	1472	3118	6262	15310	28303	0.500	1.00	2.00	5.00	10.0
			156909	223422	298409	657776		50.0	75.0	100	200	
1,3-Dichloropropane	CBNZ d5	Ave	4104	7730	15371	38785	75562	0.500	1.00	2.00	5.00	10.0
			390128	568592	765551	1591904		50.0	75.0	100	200	
Methyl n-butyl ketone (MNBK)	CBNZ d5	Ave	10424	18003	38906	99829	198699	2.00	4.00	8.00	20.0	40.0
			991076	1503256	1949808	4091397		200	300	400	800	
Chlorodibromomethane	CBNZ d5	Ave	2517	4654	8815	22104	42991	0.500	1.00	2.00	5.00	10.0
			225263	331769	446408	937650		50.0	75.0	100	200	
1,2-Dibromoethane	CBNZ d5	Ave	2564	4814	8958	22404	44188	0.500	1.00	2.00	5.00	10.0
			227398	331486	445294	929610		50.0	75.0	100	200	
1-Chlorohexane	CBNZ d5	Lin2	+++++	6784	11159	25407	46343	+++++	0.800	1.60	4.00	8.00
			239322	339274	455306	987400		40.0	60.0	80.0	160	
Chlorobenzene	CBNZ d5	Ave	6972	12217	23774	59211	110753	0.500	1.00	2.00	5.00	10.0
			580935	836180	1124374	2389701		50.0	75.0	100	200	

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 527052

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 02/23/2021 11:21 Calibration End Date: 02/23/2021 15:12 Calibration ID: 51316

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	2135	4258	8079	21291	39813	0.500	1.00	2.00	5.00	10.0
			210710	302451	409428	880806		50.0	75.0	100	200	
Ethylbenzene	CBNZ d5	Ave	3428	7125	13266	33284	62331	0.500	1.00	2.00	5.00	10.0
			329299	468839	637705	1392063		50.0	75.0	100	200	
m-Xylene & p-Xylene	CBNZ d5	Ave	4303	8450	16468	39824	74687	0.500	1.00	2.00	5.00	10.0
			399644	572392	781805	1672549		50.0	75.0	100	200	
o-Xylene	CBNZ d5	Ave	4090	8305	15311	38590	73049	0.500	1.00	2.00	5.00	10.0
			385180	554340	762433	1600919		50.0	75.0	100	200	
Styrene	CBNZ d5	Ave	7388	13660	27039	67539	128692	0.500	1.00	2.00	5.00	10.0
			680337	989527	1343431	2839011		50.0	75.0	100	200	
Bromoform	CBNZ d5	Ave	1442	3120	5984	15378	30500	0.500	1.00	2.00	5.00	10.0
			160134	242101	320543	666847		50.0	75.0	100	200	
Isopropylbenzene	DCBd 4	Ave	10124	20644	40068	97194	183287	0.500	1.00	2.00	5.00	10.0
			983688	1390942	1906718	4014330		50.0	75.0	100	200	
Cyclohexanone	CBNZ d5	Ave	12853	22342	50798	110582	214237	20.0	40.0	80.0	200	400
			1061053	1652150	+++++	+++++		2000	3000	+++++	+++++	
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	3507	6862	12875	33067	63994	0.500	1.00	2.00	5.00	10.0
			326440	486521	642730	1344668		50.0	75.0	100	200	
Bromobenzene	DCBd 4	Ave	2606	4662	9309	23500	44200	0.500	1.00	2.00	5.00	10.0
			234228	334948	453628	949120		50.0	75.0	100	200	
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	994	2384	4644	11713	22489	0.500	1.00	2.00	5.00	10.0
			116265	174943	230159	503347		50.0	75.0	100	200	
1,2,3-Trichloropropane	DCBd 4	Ave	1183	2232	3937	10313	19070	0.500	1.00	2.00	5.00	10.0
			98344	146955	190468	401443		50.0	75.0	100	200	

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 527052

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 02/23/2021 11:21 Calibration End Date: 02/23/2021 15:12 Calibration ID: 51316

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
N-Propylbenzene	DCBd 4	Ave	2748	5444	10542	26000	47874	0.500	1.00	2.00	5.00	10.0
			263543	376569	513340	1093244		50.0	75.0	100	200	
2-Chlorotoluene	DCBd 4	Ave	2414	4916	9179	22615	42665	0.500	1.00	2.00	5.00	10.0
			225319	323106	444414	936931		50.0	75.0	100	200	
1,3,5-Trimethylbenzene	DCBd 4	Ave	8952	16025	30971	78873	149137	0.500	1.00	2.00	5.00	10.0
			800338	1163438	1559568	3252487		50.0	75.0	100	200	
4-Chlorotoluene	DCBd 4	Ave	2635	4802	9501	23332	44030	0.500	1.00	2.00	5.00	10.0
			237385	337683	459262	970444		50.0	75.0	100	200	
tert-Butylbenzene	DCBd 4	Ave	6891	13411	26116	65826	119747	0.500	1.00	2.00	5.00	10.0
			648610	935329	1264837	2636245		50.0	75.0	100	200	
1,2,4-Trimethylbenzene	DCBd 4	Ave	8610	16583	32035	80687	150564	0.500	1.00	2.00	5.00	10.0
			822154	1182199	1605967	3313603		50.0	75.0	100	200	
sec-Butylbenzene	DCBd 4	Ave	2037	3883	7339	19084	34655	0.500	1.00	2.00	5.00	10.0
			189466	267643	366874	770560		50.0	75.0	100	200	
1,3-Dichlorobenzene	DCBd 4	Ave	4485	8367	16299	41687	79584	0.500	1.00	2.00	5.00	10.0
			420862	606003	831550	1736060		50.0	75.0	100	200	
4-Isopropyltoluene	DCBd 4	Ave	8432	16183	31645	78111	147311	0.500	1.00	2.00	5.00	10.0
			796256	1131153	1534695	3252459		50.0	75.0	100	200	
1,4-Dichlorobenzene	DCBd 4	Ave	5234	9015	17546	42330	81217	0.500	1.00	2.00	5.00	10.0
			431755	620299	845314	1765412		50.0	75.0	100	200	
n-Butylbenzene	DCBd 4	Ave	8172	14745	28928	72663	134539	0.500	1.00	2.00	5.00	10.0
			733927	1083219	1440274	3055216		50.0	75.0	100	200	
1,2-Dichlorobenzene	DCBd 4	Ave	4523	7939	15728	40145	76416	0.500	1.00	2.00	5.00	10.0
			404591	592673	797259	1642045		50.0	75.0	100	200	

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 527052

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 02/23/2021 11:21 Calibration End Date: 02/23/2021 15:12 Calibration ID: 51316

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	692	1385	2933	7591	14355	0.500	1.00	2.00	5.00	10.0
			74374	115784	151790	319109		50.0	75.0	100	200	
1,2,4-Trichlorobenzene	DCBd 4	Ave	2712	4315	8623	22494	42376	0.500	1.00	2.00	5.00	10.0
			233854	346088	467050	969268		50.0	75.0	100	200	
Hexachlorobutadiene	DCBd 4	Ave	862	1376	3133	7801	14168	0.500	1.00	2.00	5.00	10.0
			85053	129977	167135	357440		50.0	75.0	100	200	
Naphthalene	DCBd 4	Ave	9833	16497	32697	84780	161744	0.500	1.00	2.00	5.00	10.0
			862008	1304091	1713050	3526645		50.0	75.0	100	200	
1,2,3-Trichlorobenzene	DCBd 4	Ave	2399	3828	8111	20589	38131	0.500	1.00	2.00	5.00	10.0
			214363	317815	434371	891922		50.0	75.0	100	200	
Dibromofluoromethane (Surr)	FB	Ave	287452	290694	290443	282689	290353	50.0	50.0	50.0	50.0	50.0
			290324	287226	291526	294690		50.0	50.0	50.0	50.0	
1,2-Dichloroethane-d4 (Surr)	FB	Ave	344861	353090	347720	345778	347811	50.0	50.0	50.0	50.0	50.0
			346650	342782	350680	356125		50.0	50.0	50.0	50.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	1090431	1097909	1102531	1082225	1105026	50.0	50.0	50.0	50.0	50.0
			1115412	1113170	1131319	1137731		50.0	50.0	50.0	50.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	429530	431517	425901	424887	430155	50.0	50.0	50.0	50.0	50.0
			432633	430874	439530	445249		50.0	50.0	50.0	50.0	

Curve Type Legend

Ave = Average ISTD  
Lin1 = Linear 1/conc ISTD  
Lin2 = Linear 1/conc^2 ISTD

Calibration

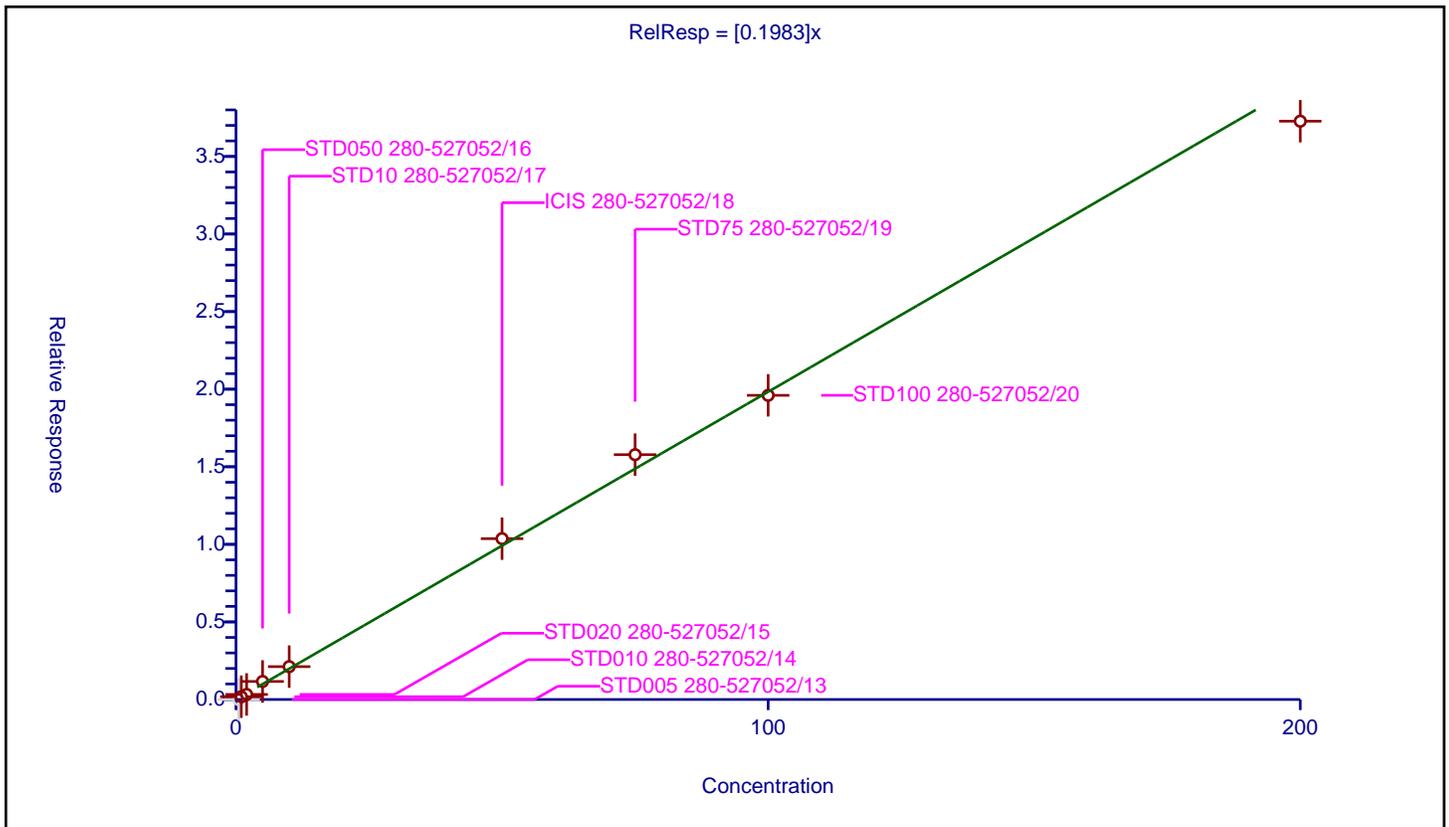
/ Dichlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1983

Error Coefficients	
Standard Error:	413000
Relative Standard Error:	11.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.0	50.0	1153789.0	0.0	N
2	STD010 280-527052/14	1.0	0.179607	50.0	1161427.0	0.179607	Y
3	STD020 280-527052/15	2.0	0.324822	50.0	1150167.0	0.162411	Y
4	STD050 280-527052/16	5.0	1.162644	50.0	1128935.0	0.232529	Y
5	STD10 280-527052/17	10.0	2.117457	50.0	1157733.0	0.211746	Y
6	ICIS 280-527052/18	50.0	10.365845	50.0	1161777.0	0.207317	Y
7	STD75 280-527052/19	75.0	15.778699	50.0	1164532.0	0.210383	Y
8	STD100 280-527052/20	100.0	19.602864	50.0	1184656.0	0.196029	Y
9	STD200 280-527052/21	200.0	37.272067	50.0	1186096.0	0.18636	Y



Calibration

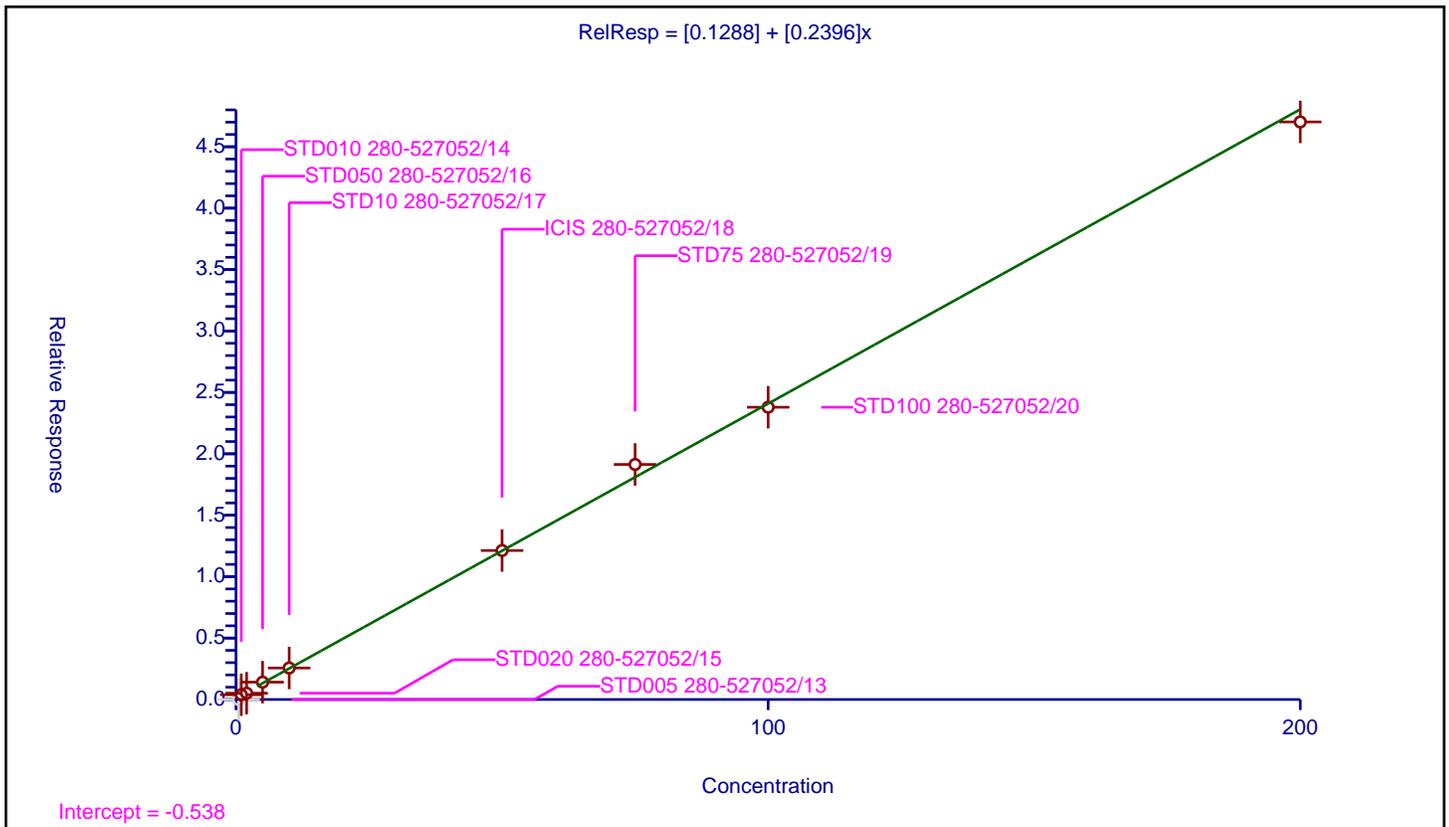
/ Chloromethane

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.1288
Slope:	0.2396

Error Coefficients	
Standard Error:	554000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.0	50.0	1153789.0	0.0	N
2	STD010 280-527052/14	1.0	0.387928	50.0	1161427.0	0.387928	Y
3	STD020 280-527052/15	2.0	0.513621	50.0	1150167.0	0.256811	Y
4	STD050 280-527052/16	5.0	1.41381	50.0	1128935.0	0.282762	Y
5	STD10 280-527052/17	10.0	2.564667	50.0	1157733.0	0.256467	Y
6	ICIS 280-527052/18	50.0	12.128231	50.0	1161777.0	0.242565	Y
7	STD75 280-527052/19	75.0	19.134897	50.0	1164532.0	0.255132	Y
8	STD100 280-527052/20	100.0	23.792687	50.0	1184656.0	0.237927	Y
9	STD200 280-527052/21	200.0	47.020815	50.0	1186096.0	0.235104	Y



Calibration

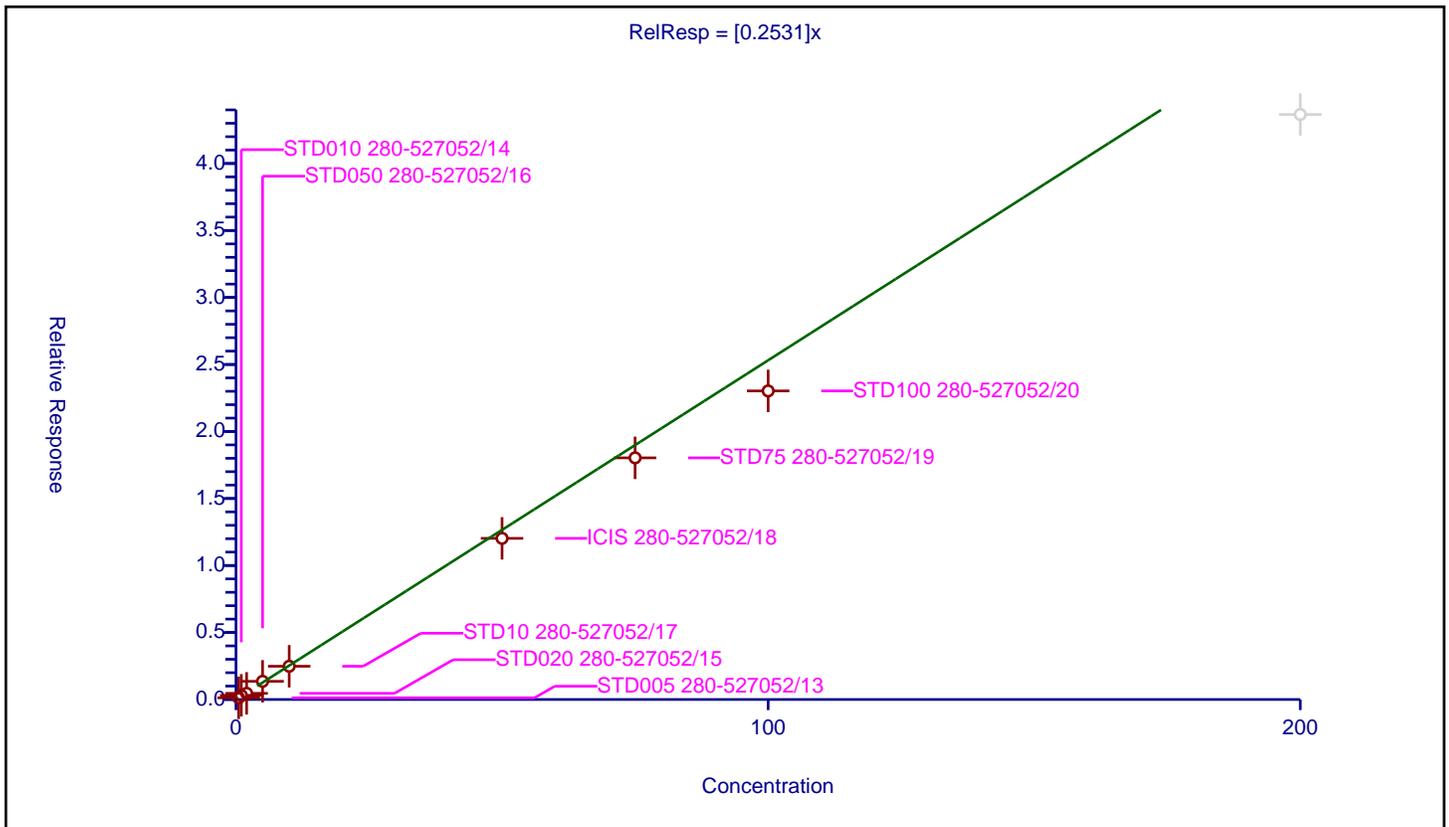
/ Vinyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2531

Error Coefficients	
Standard Error:	282000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.126323	50.0	1153789.0	0.252646	Y
2	STD010 280-527052/14	1.0	0.311642	50.0	1161427.0	0.311642	Y
3	STD020 280-527052/15	2.0	0.460281	50.0	1150167.0	0.23014	Y
4	STD050 280-527052/16	5.0	1.356145	50.0	1128935.0	0.271229	Y
5	STD10 280-527052/17	10.0	2.480537	50.0	1157733.0	0.248054	Y
6	ICIS 280-527052/18	50.0	12.026017	50.0	1161777.0	0.24052	Y
7	STD75 280-527052/19	75.0	18.033983	50.0	1164532.0	0.240453	Y
8	STD100 280-527052/20	100.0	23.028288	50.0	1184656.0	0.230283	Y
9	STD200 280-527052/21	200.0	43.659957	50.0	1186096.0	0.2183	N



Calibration

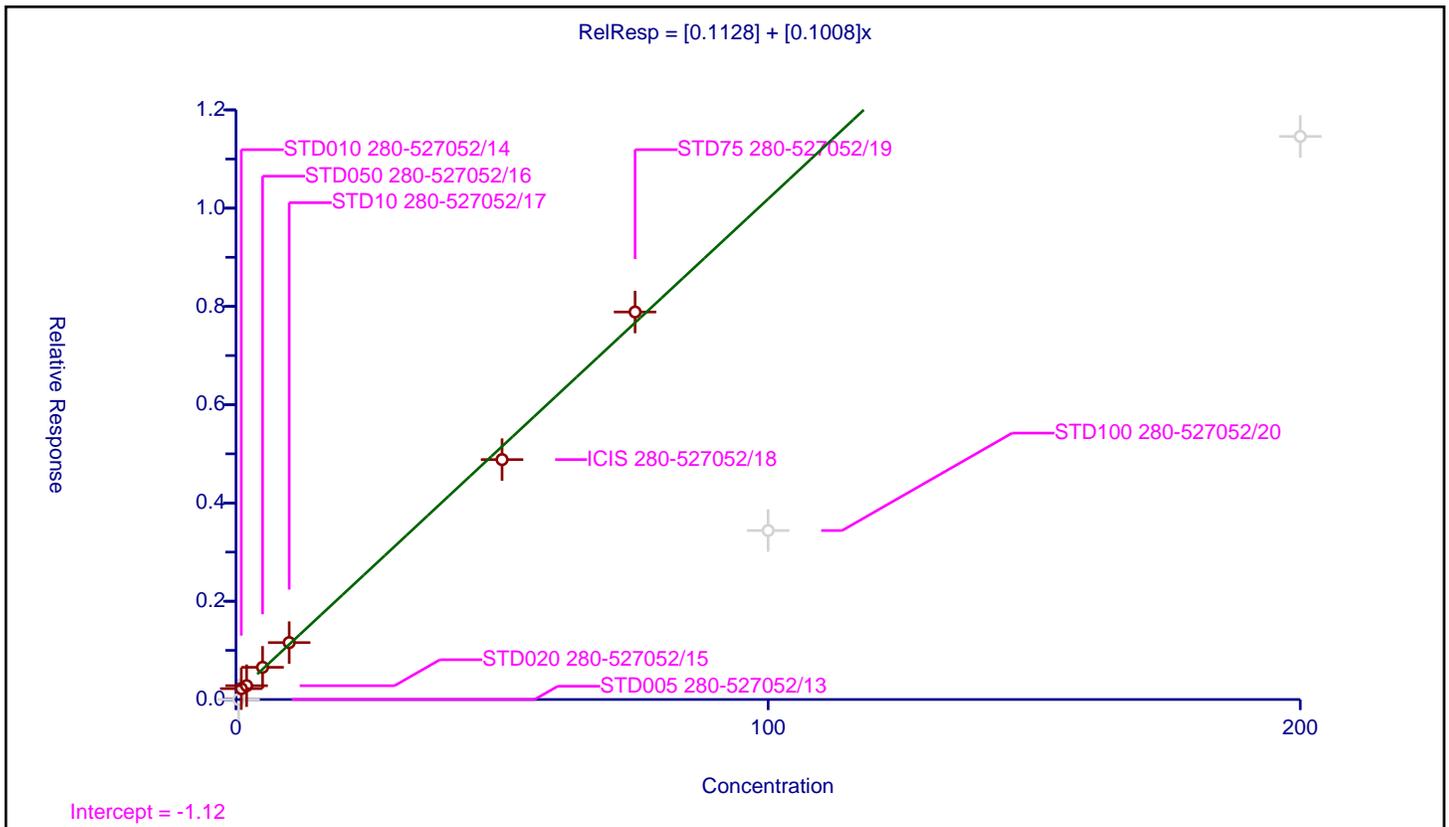
/ Bromomethane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.1128
Slope:	0.1008

Error Coefficients	
Standard Error:	109000
Relative Standard Error:	10.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.0	50.0	1153789.0	0.0	N
2	STD010 280-527052/14	1.0	0.22115	50.0	1161427.0	0.22115	Y
3	STD020 280-527052/15	2.0	0.28109	50.0	1150167.0	0.140545	Y
4	STD050 280-527052/16	5.0	0.655219	50.0	1128935.0	0.131044	Y
5	STD10 280-527052/17	10.0	1.157607	50.0	1157733.0	0.115761	Y
6	ICIS 280-527052/18	50.0	4.882736	50.0	1161777.0	0.097655	Y
7	STD75 280-527052/19	75.0	7.886988	50.0	1164532.0	0.10516	Y
8	STD100 280-527052/20	100.0	3.438804	50.0	1184656.0	0.034388	N
9	STD200 280-527052/21	200.0	11.459275	50.0	1186096.0	0.057296	N



Calibration

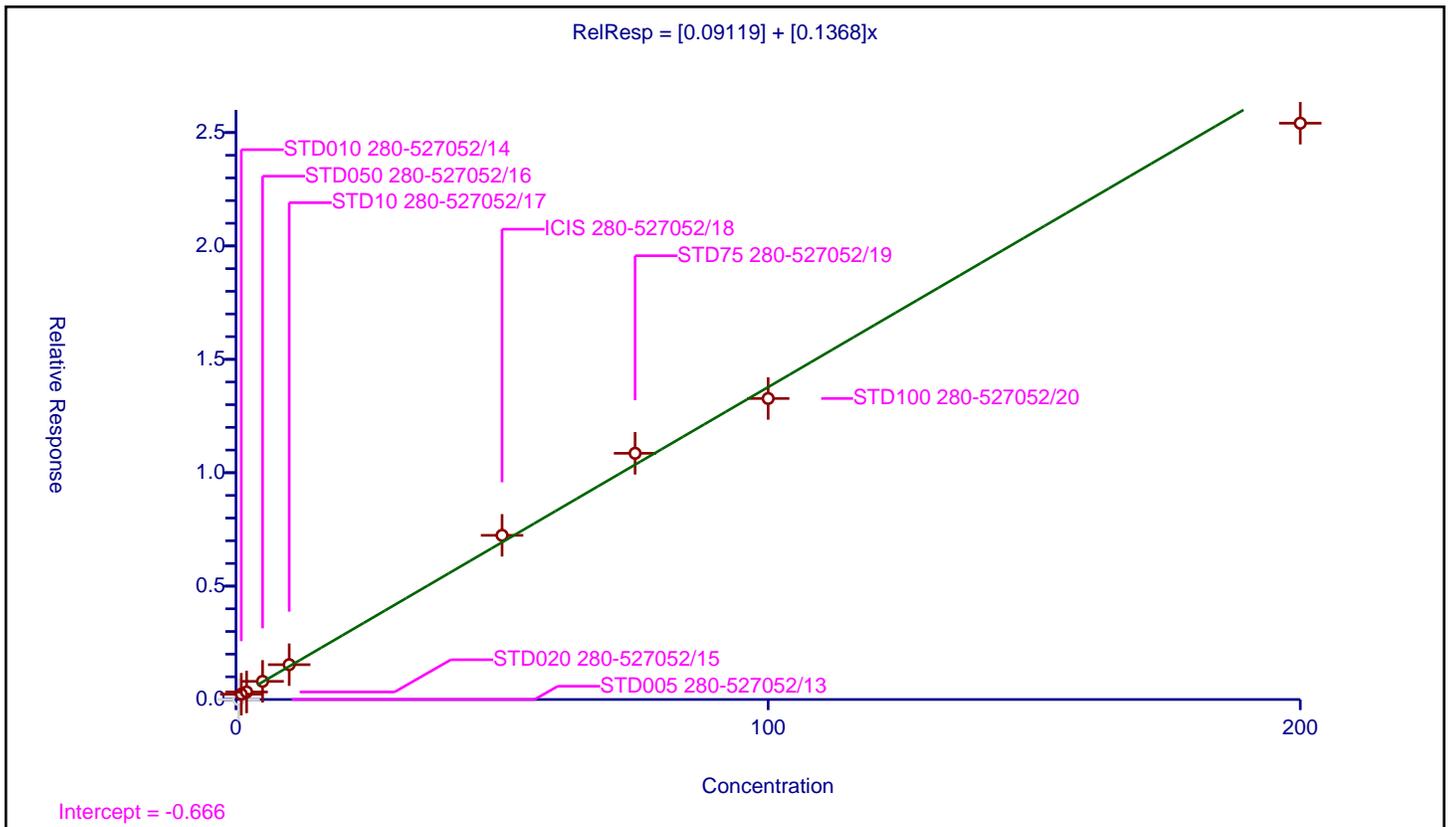
/ Chloroethane

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.09119
Slope:	0.1368

Error Coefficients	
Standard Error:	304000
Relative Standard Error:	7.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.0	50.0	1153789.0	0.0	N
2	STD010 280-527052/14	1.0	0.234496	50.0	1161427.0	0.234496	Y
3	STD020 280-527052/15	2.0	0.331474	50.0	1150167.0	0.165737	Y
4	STD050 280-527052/16	5.0	0.800755	50.0	1128935.0	0.160151	Y
5	STD10 280-527052/17	10.0	1.535717	50.0	1157733.0	0.153572	Y
6	ICIS 280-527052/18	50.0	7.239599	50.0	1161777.0	0.144792	Y
7	STD75 280-527052/19	75.0	10.856593	50.0	1164532.0	0.144755	Y
8	STD100 280-527052/20	100.0	13.273431	50.0	1184656.0	0.132734	Y
9	STD200 280-527052/21	200.0	25.412825	50.0	1186096.0	0.127064	Y



Calibration

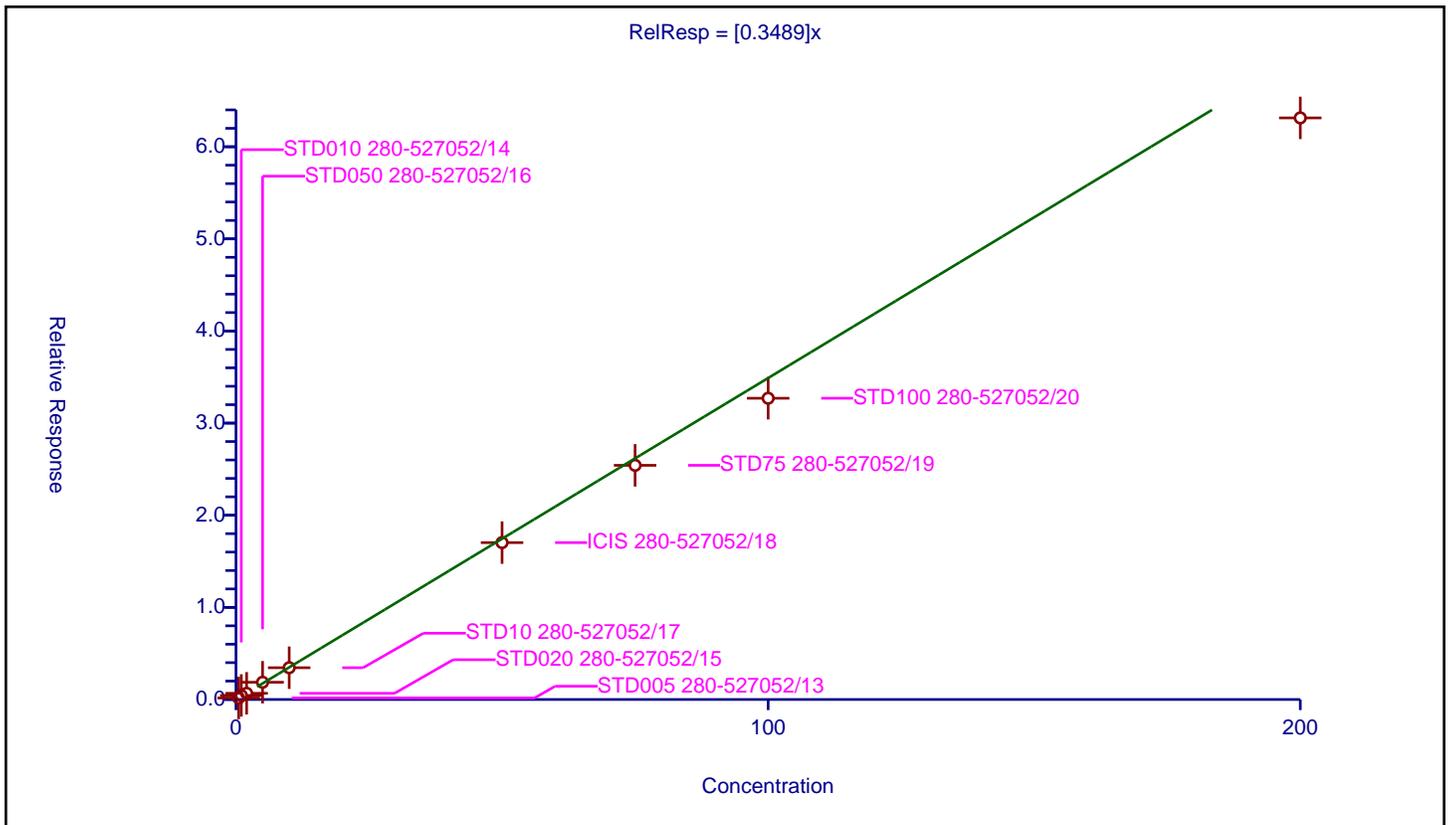
/ Dichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3489

Error Coefficients	
Standard Error:	648000
Relative Standard Error:	10.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.161728	50.0	1153789.0	0.323456	Y
2	STD010 280-527052/14	1.0	0.439115	50.0	1161427.0	0.439115	Y
3	STD020 280-527052/15	2.0	0.672555	50.0	1150167.0	0.336277	Y
4	STD050 280-527052/16	5.0	1.872694	50.0	1128935.0	0.374539	Y
5	STD10 280-527052/17	10.0	3.449241	50.0	1157733.0	0.344924	Y
6	ICIS 280-527052/18	50.0	17.028698	50.0	1161777.0	0.340574	Y
7	STD75 280-527052/19	75.0	25.418924	50.0	1164532.0	0.338919	Y
8	STD100 280-527052/20	100.0	32.700294	50.0	1184656.0	0.327003	Y
9	STD200 280-527052/21	200.0	63.13102	50.0	1186096.0	0.315655	Y



Calibration

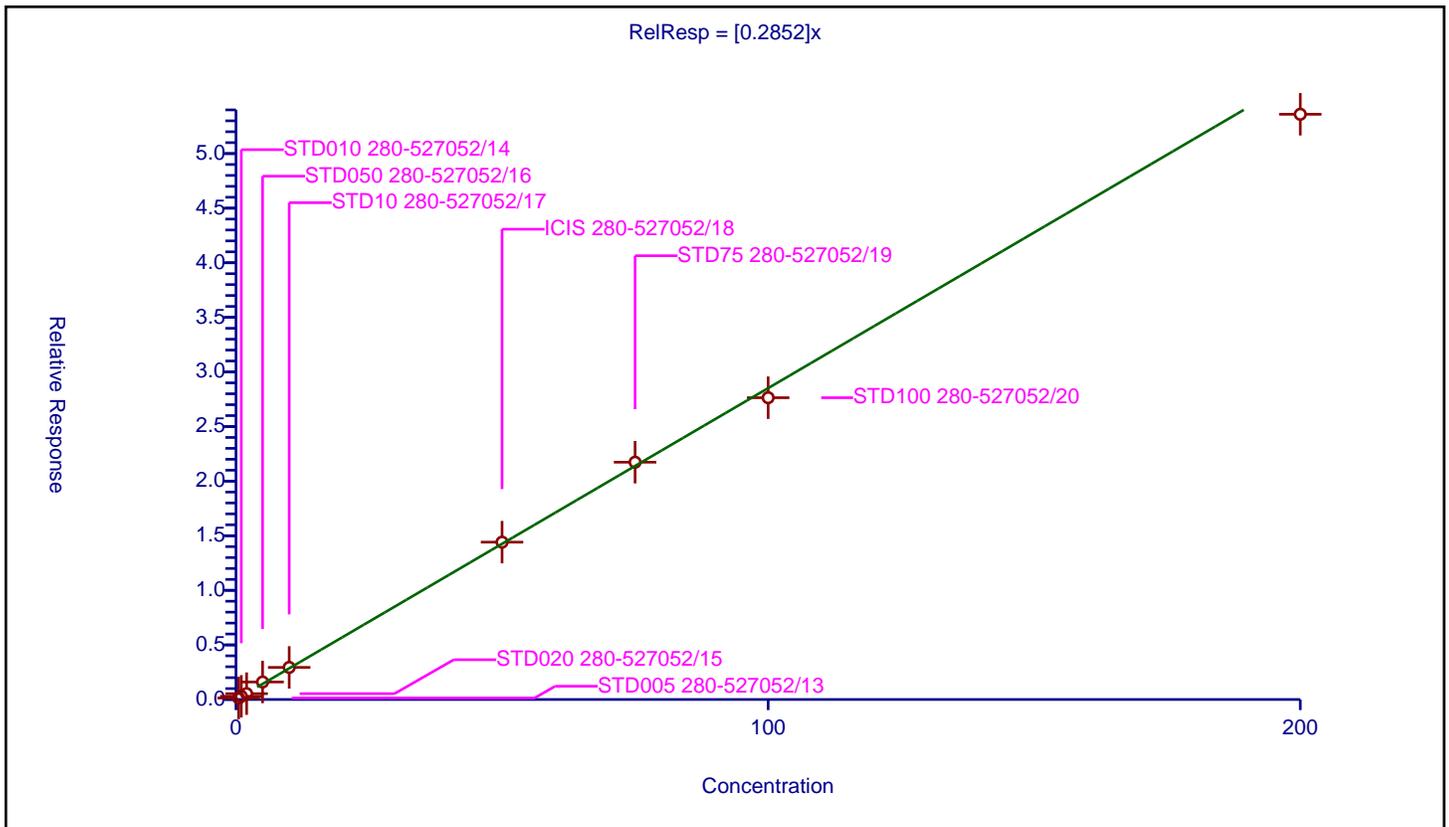
/ Trichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2852

Error Coefficients	
Standard Error:	550000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.13447	50.0	1153789.0	0.26894	Y
2	STD010 280-527052/14	1.0	0.2927	50.0	1161427.0	0.2927	Y
3	STD020 280-527052/15	2.0	0.535314	50.0	1150167.0	0.267657	Y
4	STD050 280-527052/16	5.0	1.603591	50.0	1128935.0	0.320718	Y
5	STD10 280-527052/17	10.0	2.939365	50.0	1157733.0	0.293937	Y
6	ICIS 280-527052/18	50.0	14.411501	50.0	1161777.0	0.28823	Y
7	STD75 280-527052/19	75.0	21.734396	50.0	1164532.0	0.289792	Y
8	STD100 280-527052/20	100.0	27.640345	50.0	1184656.0	0.276403	Y
9	STD200 280-527052/21	200.0	53.60013	50.0	1186096.0	0.268001	Y



Calibration

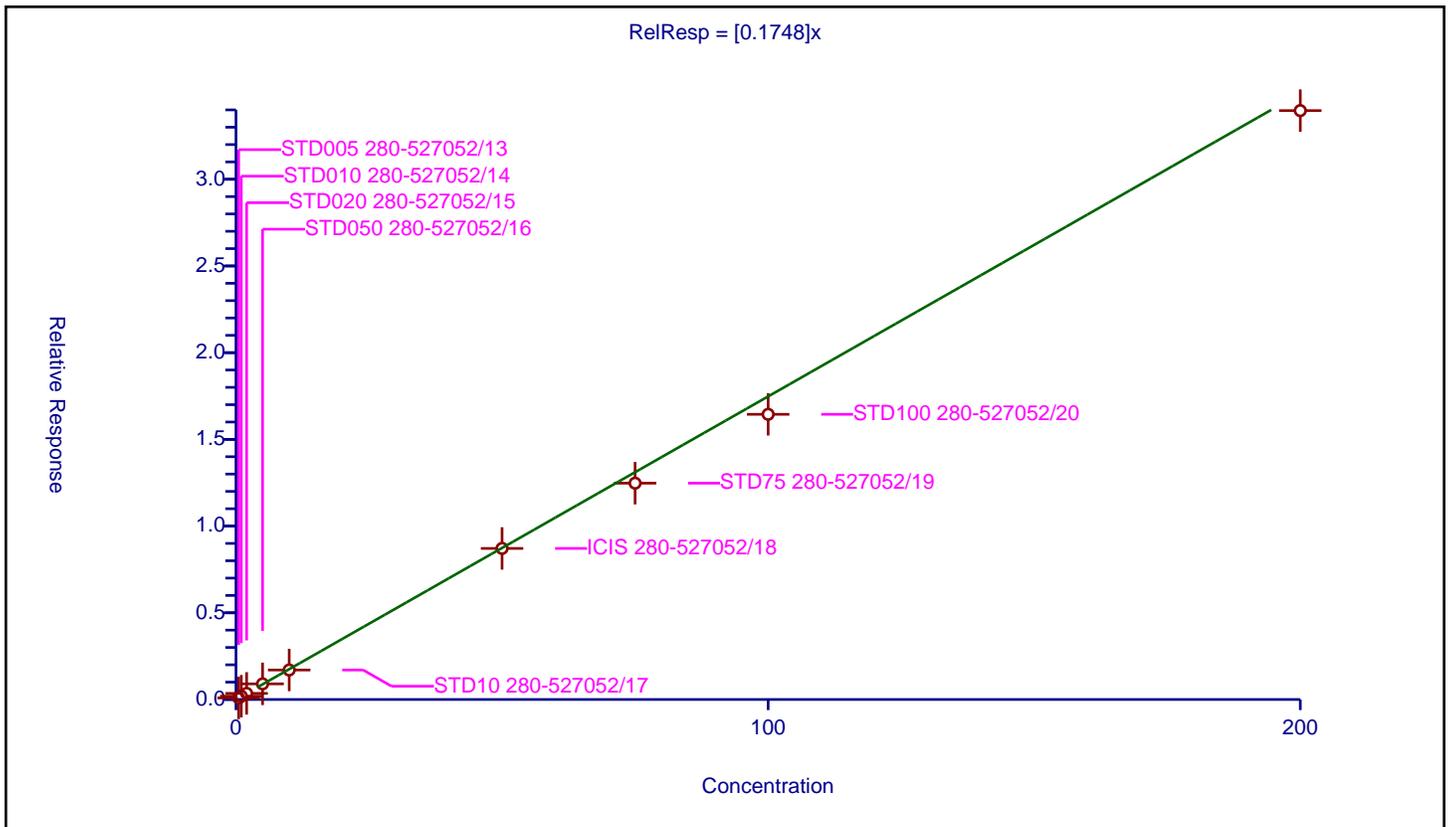
/ Ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1748

Error Coefficients	
Standard Error:	341000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.089574	50.0	1153789.0	0.179149	Y
2	STD010 280-527052/14	1.0	0.192263	50.0	1161427.0	0.192263	Y
3	STD020 280-527052/15	2.0	0.352949	50.0	1150167.0	0.176474	Y
4	STD050 280-527052/16	5.0	0.900672	50.0	1128935.0	0.180134	Y
5	STD10 280-527052/17	10.0	1.700781	50.0	1157733.0	0.170078	Y
6	ICIS 280-527052/18	50.0	8.712085	50.0	1161777.0	0.174242	Y
7	STD75 280-527052/19	75.0	12.474668	50.0	1164532.0	0.166329	Y
8	STD100 280-527052/20	100.0	16.444732	50.0	1184656.0	0.164447	Y
9	STD200 280-527052/21	200.0	33.958592	50.0	1186096.0	0.169793	Y



Calibration

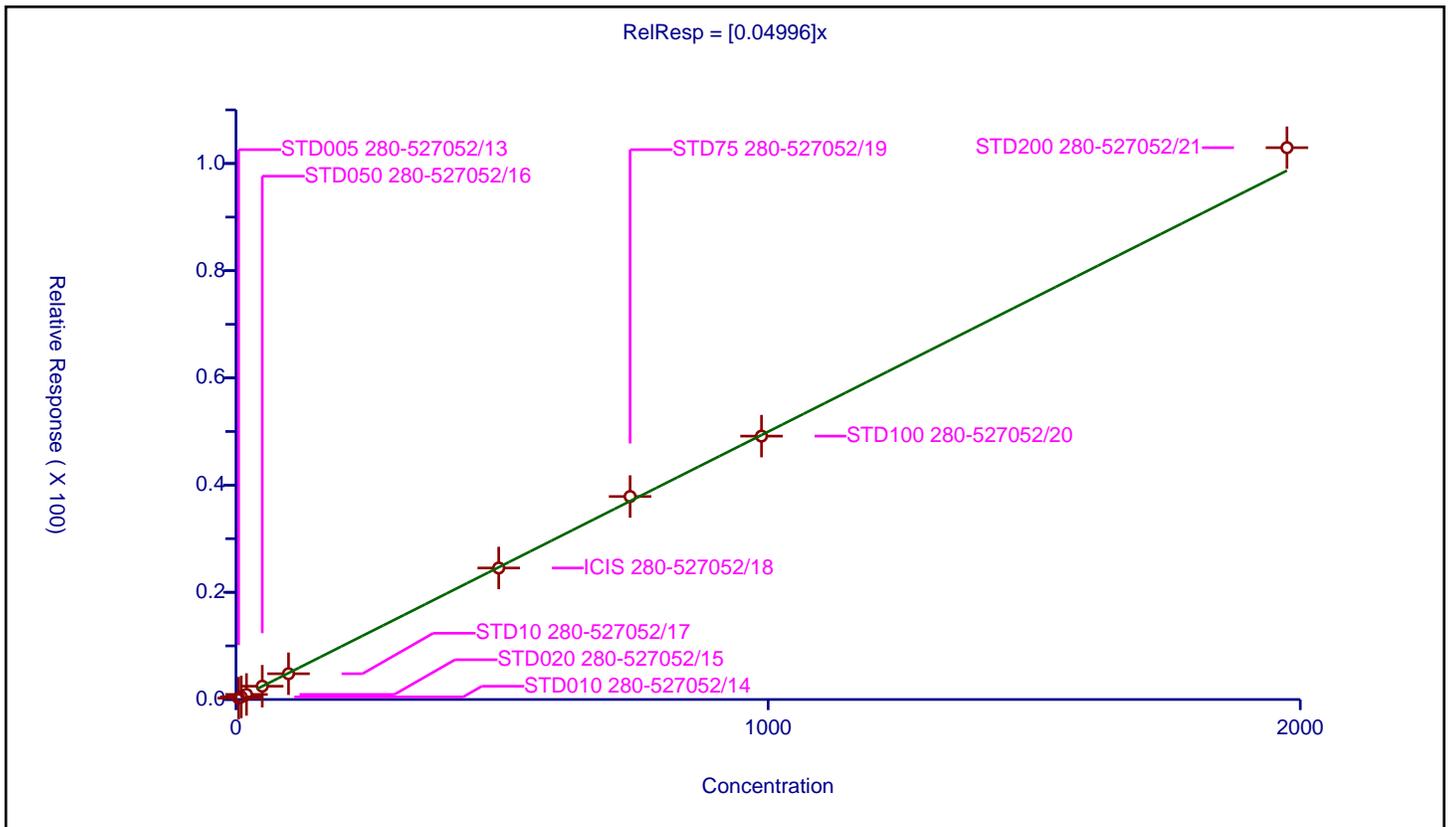
/ Acrolein

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04996

Error Coefficients	
Standard Error:	1030000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	4.9375	0.252863	50.0	1153789.0	0.051213	Y
2	STD010 280-527052/14	9.875	0.48449	50.0	1161427.0	0.049062	Y
3	STD020 280-527052/15	19.75	0.943646	50.0	1150167.0	0.04778	Y
4	STD050 280-527052/16	49.375	2.481099	50.0	1128935.0	0.05025	Y
5	STD10 280-527052/17	98.75	4.805037	50.0	1157733.0	0.048659	Y
6	ICIS 280-527052/18	493.75	24.534872	50.0	1161777.0	0.049691	Y
7	STD75 280-527052/19	740.625	37.871909	50.0	1164532.0	0.051135	Y
8	STD100 280-527052/20	987.5	49.137682	50.0	1184656.0	0.04976	Y
9	STD200 280-527052/21	1975.0	102.950731	50.0	1186096.0	0.052127	Y



Calibration

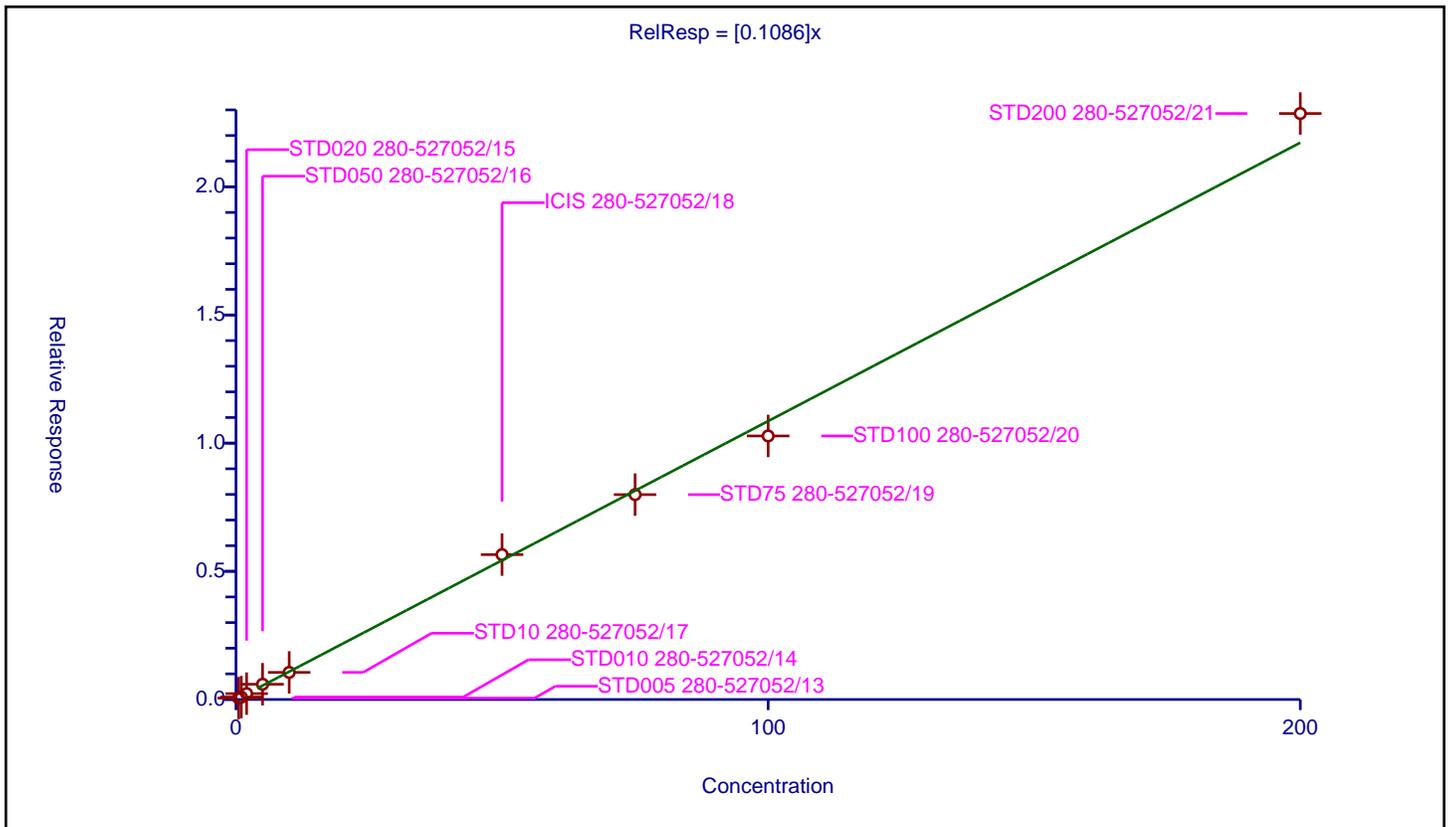
/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1086

Error Coefficients	
Standard Error:	225000
Relative Standard Error:	6.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.053389	50.0	1153789.0	0.106779	Y
2	STD010 280-527052/14	1.0	0.094496	50.0	1161427.0	0.094496	Y
3	STD020 280-527052/15	2.0	0.229445	50.0	1150167.0	0.114722	Y
4	STD050 280-527052/16	5.0	0.594808	50.0	1128935.0	0.118962	Y
5	STD10 280-527052/17	10.0	1.05767	50.0	1157733.0	0.105767	Y
6	ICIS 280-527052/18	50.0	5.6513	50.0	1161777.0	0.113026	Y
7	STD75 280-527052/19	75.0	7.991537	50.0	1164532.0	0.106554	Y
8	STD100 280-527052/20	100.0	10.280664	50.0	1184656.0	0.102807	Y
9	STD200 280-527052/21	200.0	22.858816	50.0	1186096.0	0.114294	Y



Calibration

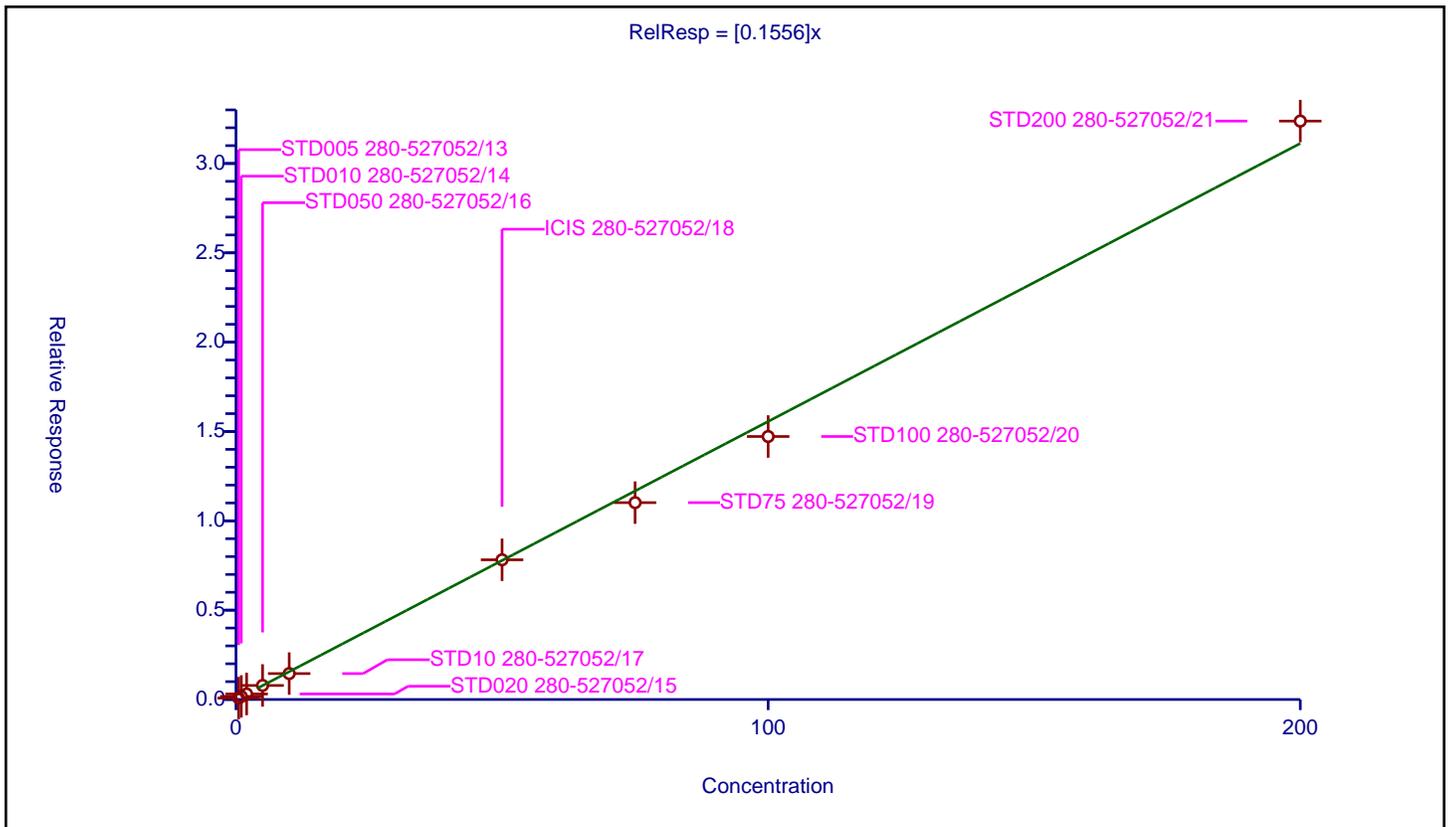
/ 1,1-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1556

Error Coefficients	
Standard Error:	319000
Relative Standard Error:	5.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.079954	50.0	1153789.0	0.159908	Y
2	STD010 280-527052/14	1.0	0.17091	50.0	1161427.0	0.17091	Y
3	STD020 280-527052/15	2.0	0.309912	50.0	1150167.0	0.154956	Y
4	STD050 280-527052/16	5.0	0.786493	50.0	1128935.0	0.157299	Y
5	STD10 280-527052/17	10.0	1.450939	50.0	1157733.0	0.145094	Y
6	ICIS 280-527052/18	50.0	7.81897	50.0	1161777.0	0.156379	Y
7	STD75 280-527052/19	75.0	11.018289	50.0	1164532.0	0.146911	Y
8	STD100 280-527052/20	100.0	14.719969	50.0	1184656.0	0.1472	Y
9	STD200 280-527052/21	200.0	32.37356	50.0	1186096.0	0.161868	Y



Calibration

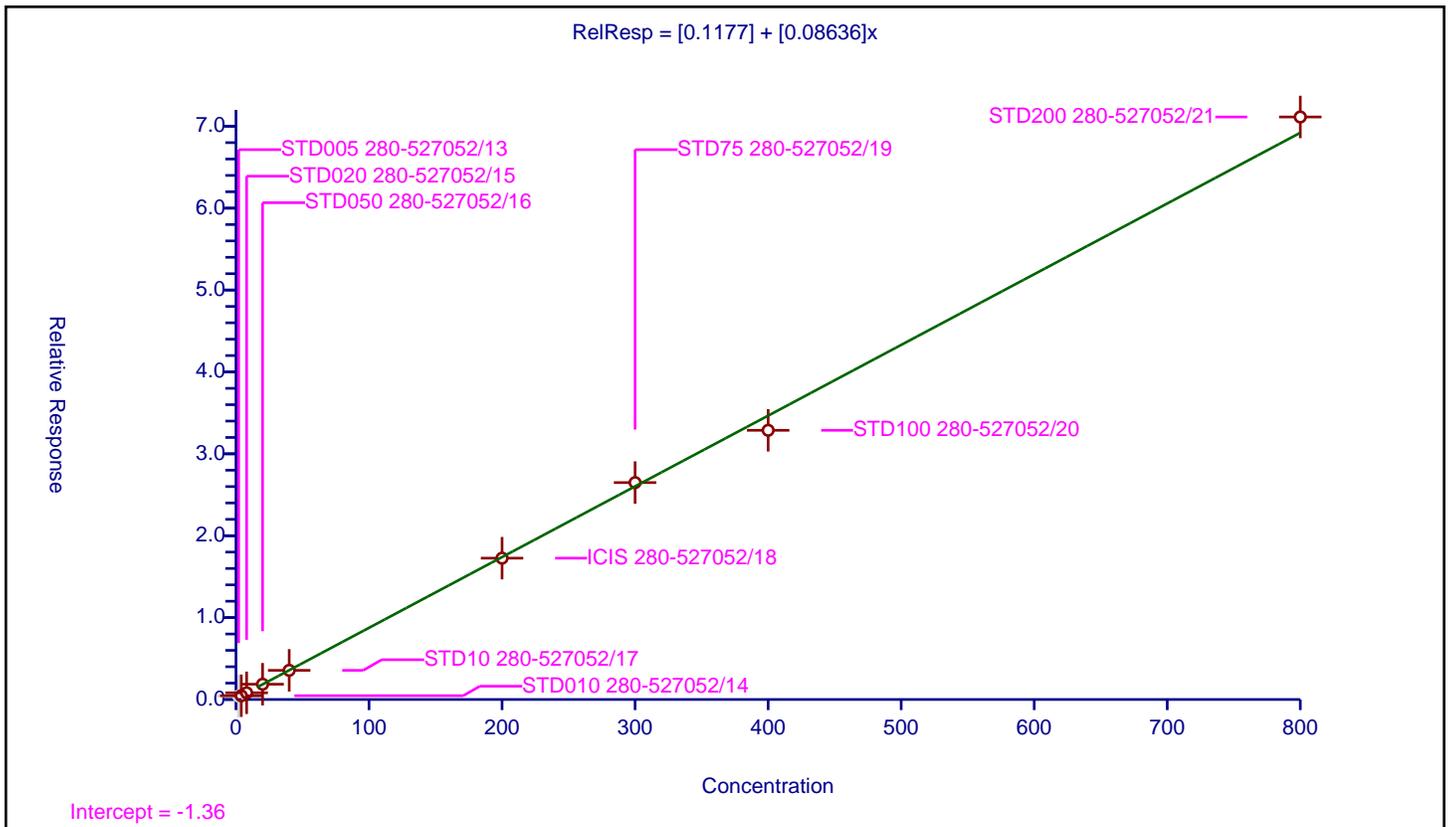
/ Acetone

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.1177
Slope:	0.08636

Error Coefficients	
Standard Error:	817000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	2.0	0.417624	50.0	1153789.0	0.208812	N
2	STD010 280-527052/14	4.0	0.460339	50.0	1161427.0	0.115085	Y
3	STD020 280-527052/15	8.0	0.817229	50.0	1150167.0	0.102154	Y
4	STD050 280-527052/16	20.0	1.866051	50.0	1128935.0	0.093303	Y
5	STD10 280-527052/17	40.0	3.561357	50.0	1157733.0	0.089034	Y
6	ICIS 280-527052/18	200.0	17.259078	50.0	1161777.0	0.086295	Y
7	STD75 280-527052/19	300.0	26.488409	50.0	1164532.0	0.088295	Y
8	STD100 280-527052/20	400.0	32.87448	50.0	1184656.0	0.082186	Y
9	STD200 280-527052/21	800.0	71.134714	50.0	1186096.0	0.088918	Y



**Calibration**

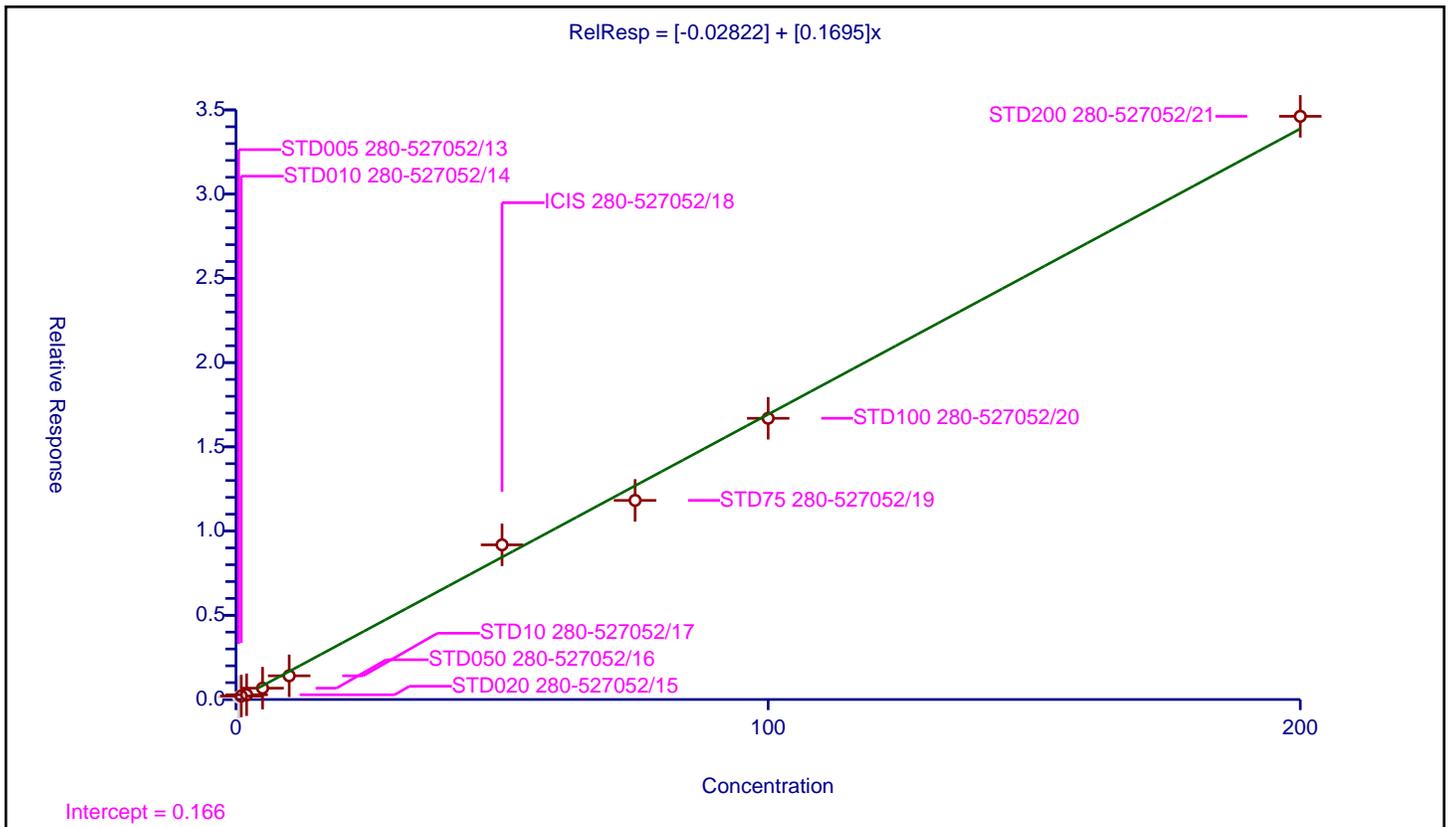
**/ Iodomethane**

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.02822
Slope:	0.1695

Error Coefficients	
Standard Error:	399000
Relative Standard Error:	19.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.143484	50.0	1153789.0	0.286968	N
2	STD010 280-527052/14	1.0	0.207417	50.0	1161427.0	0.207417	Y
3	STD020 280-527052/15	2.0	0.280481	50.0	1150167.0	0.140241	Y
4	STD050 280-527052/16	5.0	0.673112	50.0	1128935.0	0.134622	Y
5	STD10 280-527052/17	10.0	1.406456	50.0	1157733.0	0.140646	Y
6	ICIS 280-527052/18	50.0	9.180678	50.0	1161777.0	0.183614	Y
7	STD75 280-527052/19	75.0	11.819684	50.0	1164532.0	0.157596	Y
8	STD100 280-527052/20	100.0	16.693116	50.0	1184656.0	0.166931	Y
9	STD200 280-527052/21	200.0	34.619331	50.0	1186096.0	0.173097	Y



**Calibration**

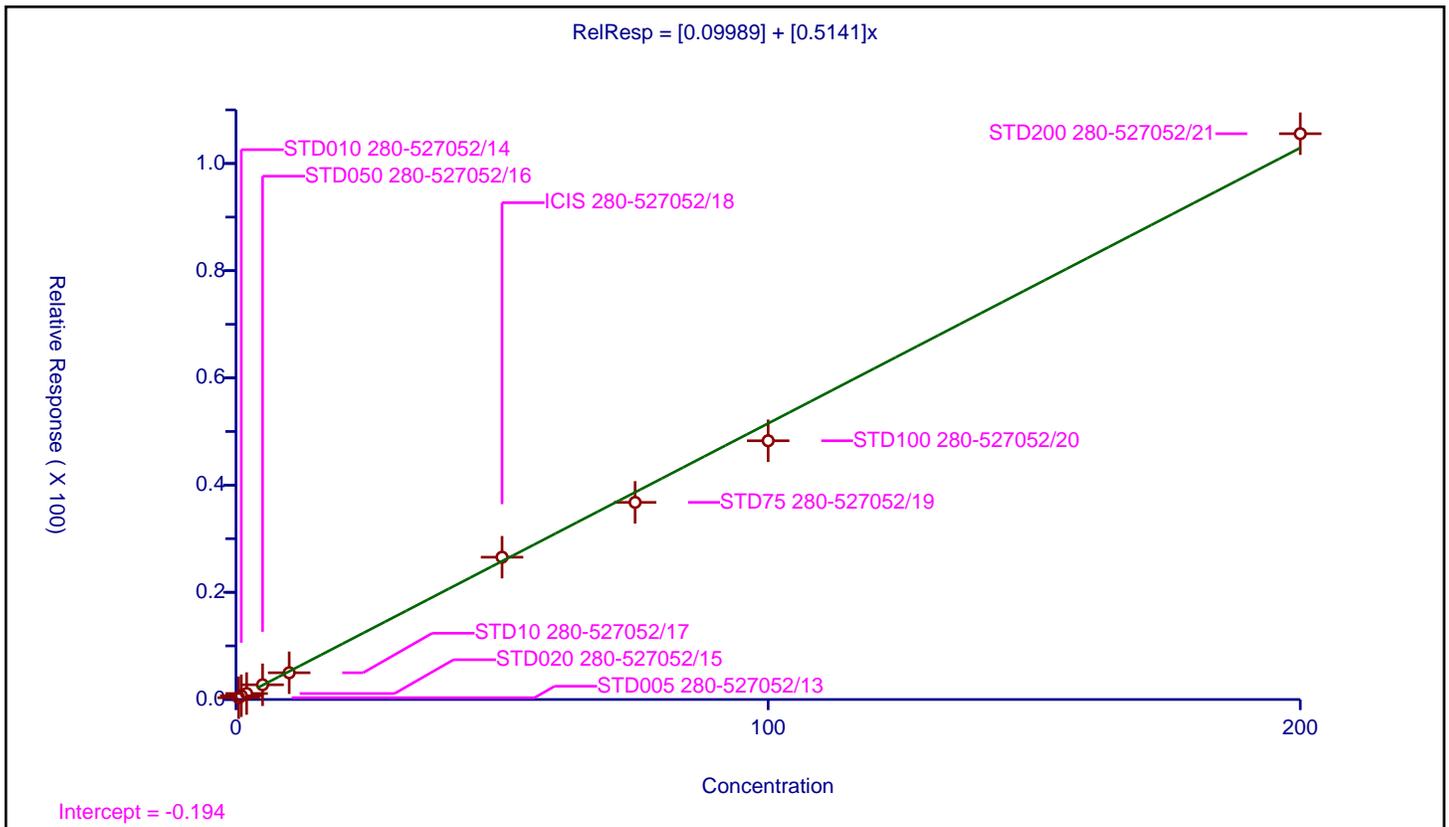
/ Carbon disulfide

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.09989
Slope:	0.5141

Error Coefficients	
Standard Error:	1120000
Relative Standard Error:	8.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.335807	50.0	1153789.0	0.671613	Y
2	STD010 280-527052/14	1.0	0.701034	50.0	1161427.0	0.701034	Y
3	STD020 280-527052/15	2.0	1.116838	50.0	1150167.0	0.558419	Y
4	STD050 280-527052/16	5.0	2.747811	50.0	1128935.0	0.549562	Y
5	STD10 280-527052/17	10.0	4.986599	50.0	1157733.0	0.49866	Y
6	ICIS 280-527052/18	50.0	26.54877	50.0	1161777.0	0.530975	Y
7	STD75 280-527052/19	75.0	36.779453	50.0	1164532.0	0.490393	Y
8	STD100 280-527052/20	100.0	48.271692	50.0	1184656.0	0.482717	Y
9	STD200 280-527052/21	200.0	105.559963	50.0	1186096.0	0.5278	Y



Calibration

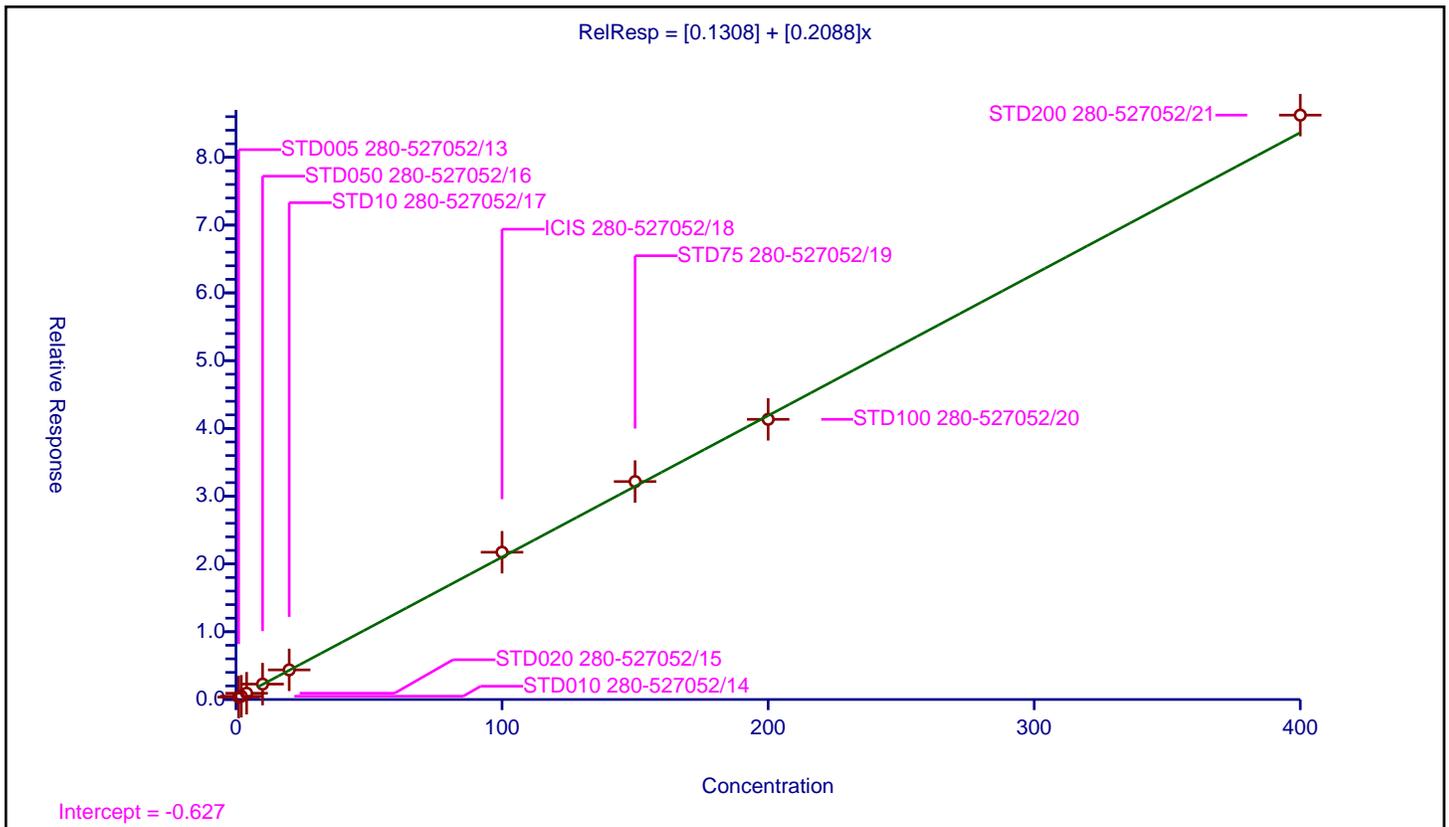
/ Methyl acetate

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.1308
Slope:	0.2088

Error Coefficients	
Standard Error:	924000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	1.0	0.356824	50.0	1153789.0	0.356824	Y
2	STD010 280-527052/14	2.0	0.487073	50.0	1161427.0	0.243537	Y
3	STD020 280-527052/15	4.0	0.923779	50.0	1150167.0	0.230945	Y
4	STD050 280-527052/16	10.0	2.271477	50.0	1128935.0	0.227148	Y
5	STD10 280-527052/17	20.0	4.368365	50.0	1157733.0	0.218418	Y
6	ICIS 280-527052/18	100.0	21.733517	50.0	1161777.0	0.217335	Y
7	STD75 280-527052/19	150.0	32.159829	50.0	1164532.0	0.214399	Y
8	STD100 280-527052/20	200.0	41.341579	50.0	1184656.0	0.206708	Y
9	STD200 280-527052/21	400.0	86.22759	50.0	1186096.0	0.215569	Y



Calibration

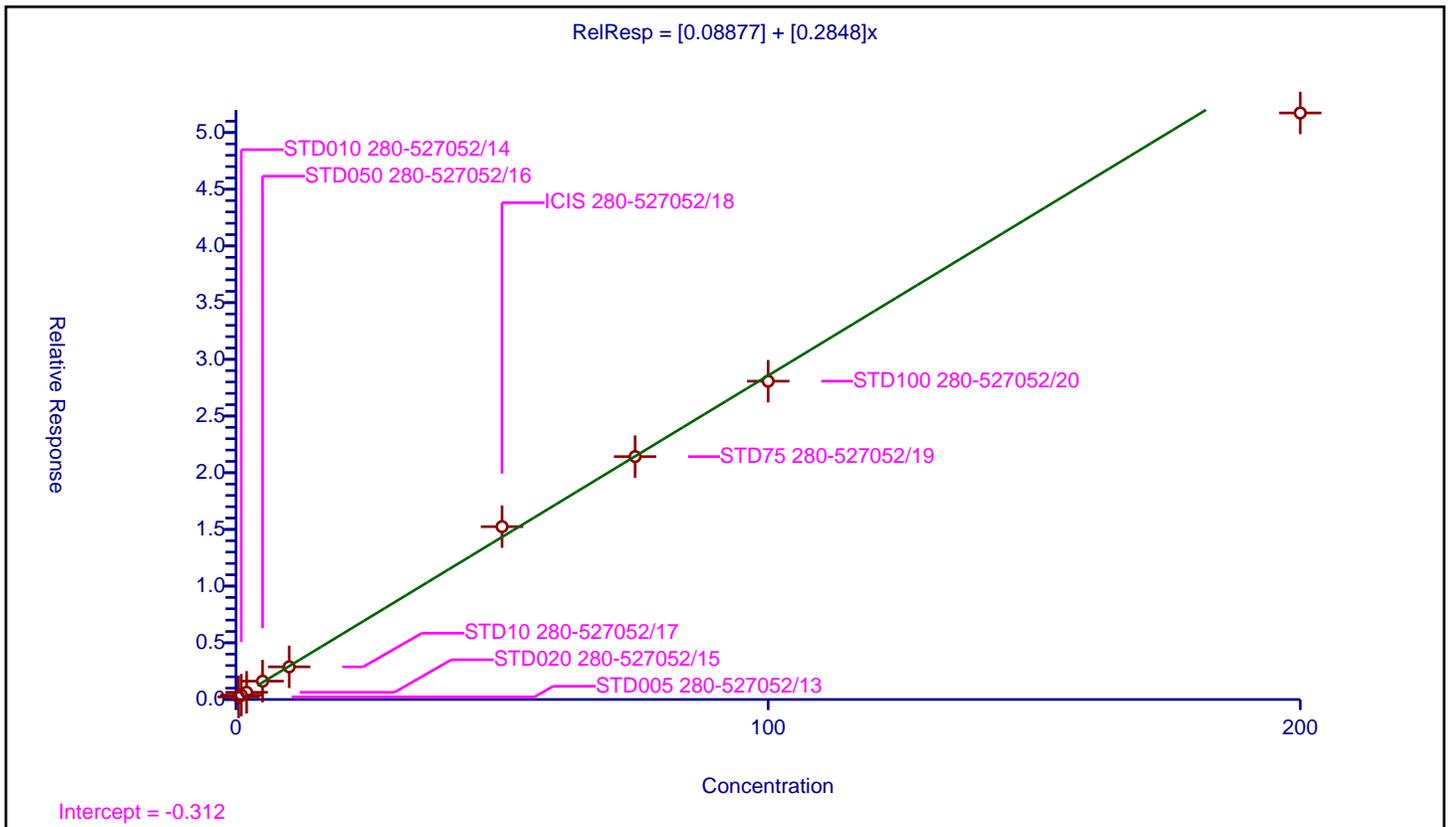
/ 3-Chloro-1-propene

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.08877
Slope:	0.2848

Error Coefficients	
Standard Error:	577000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.227555	50.0	1153789.0	0.455109	Y
2	STD010 280-527052/14	1.0	0.389521	50.0	1161427.0	0.389521	Y
3	STD020 280-527052/15	2.0	0.636908	50.0	1150167.0	0.318454	Y
4	STD050 280-527052/16	5.0	1.618605	50.0	1128935.0	0.323721	Y
5	STD10 280-527052/17	10.0	2.880327	50.0	1157733.0	0.288033	Y
6	ICIS 280-527052/18	50.0	15.242512	50.0	1161777.0	0.30485	Y
7	STD75 280-527052/19	75.0	21.422468	50.0	1164532.0	0.285633	Y
8	STD100 280-527052/20	100.0	28.074184	50.0	1184656.0	0.280742	Y
9	STD200 280-527052/21	200.0	51.729202	50.0	1186096.0	0.258646	Y



**Calibration**

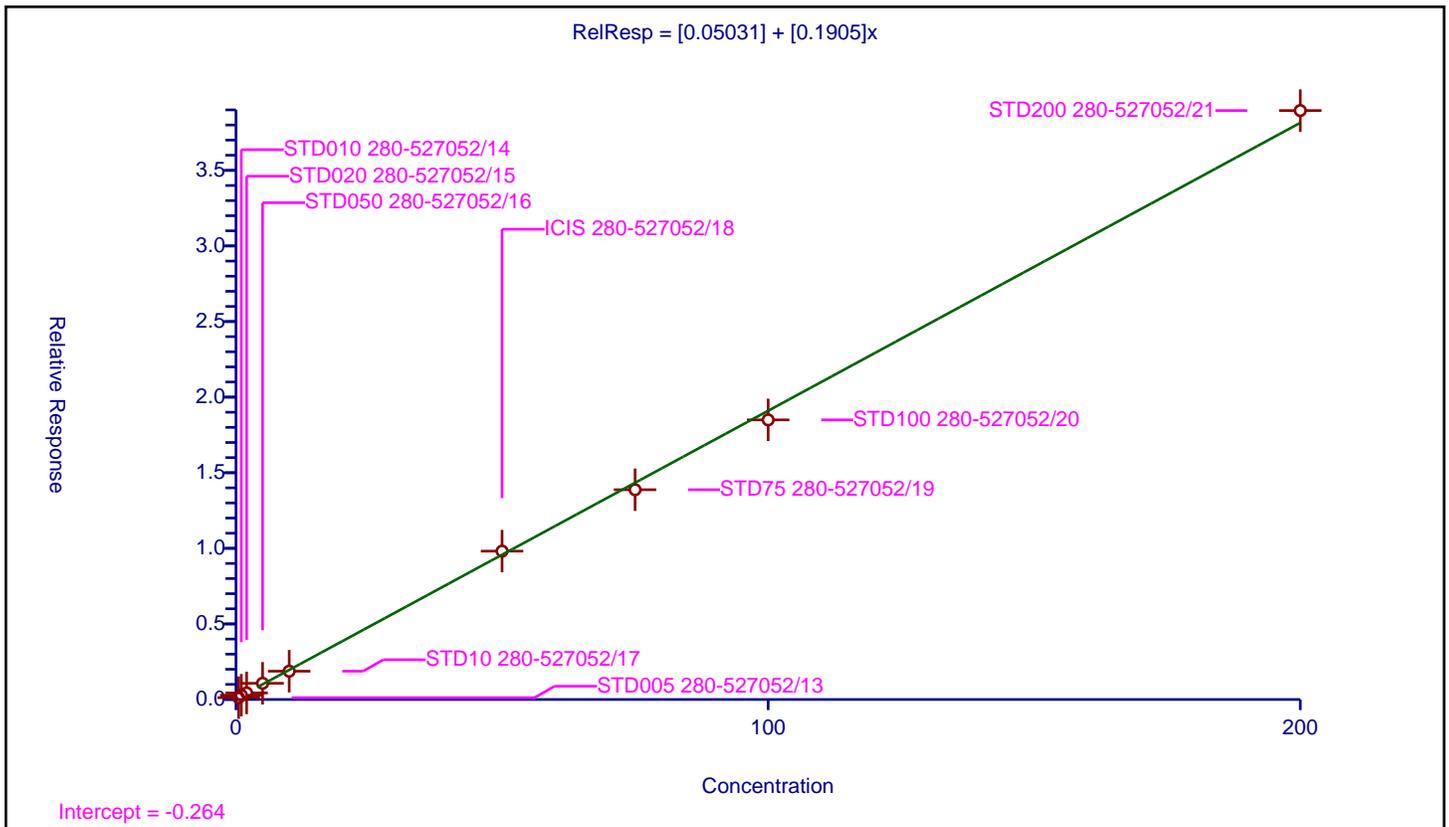
**/ Methylene Chloride**

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.05031
Slope:	0.1905

Error Coefficients	
Standard Error:	415000
Relative Standard Error:	13.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.121686	50.0	1153789.0	0.243372	Y
2	STD010 280-527052/14	1.0	0.285769	50.0	1161427.0	0.285769	Y
3	STD020 280-527052/15	2.0	0.432068	50.0	1150167.0	0.216034	Y
4	STD050 280-527052/16	5.0	1.071939	50.0	1128935.0	0.214388	Y
5	STD10 280-527052/17	10.0	1.872582	50.0	1157733.0	0.187258	Y
6	ICIS 280-527052/18	50.0	9.814405	50.0	1161777.0	0.196288	Y
7	STD75 280-527052/19	75.0	13.875016	50.0	1164532.0	0.185	Y
8	STD100 280-527052/20	100.0	18.496171	50.0	1184656.0	0.184962	Y
9	STD200 280-527052/21	200.0	38.956712	50.0	1186096.0	0.194784	Y



Calibration

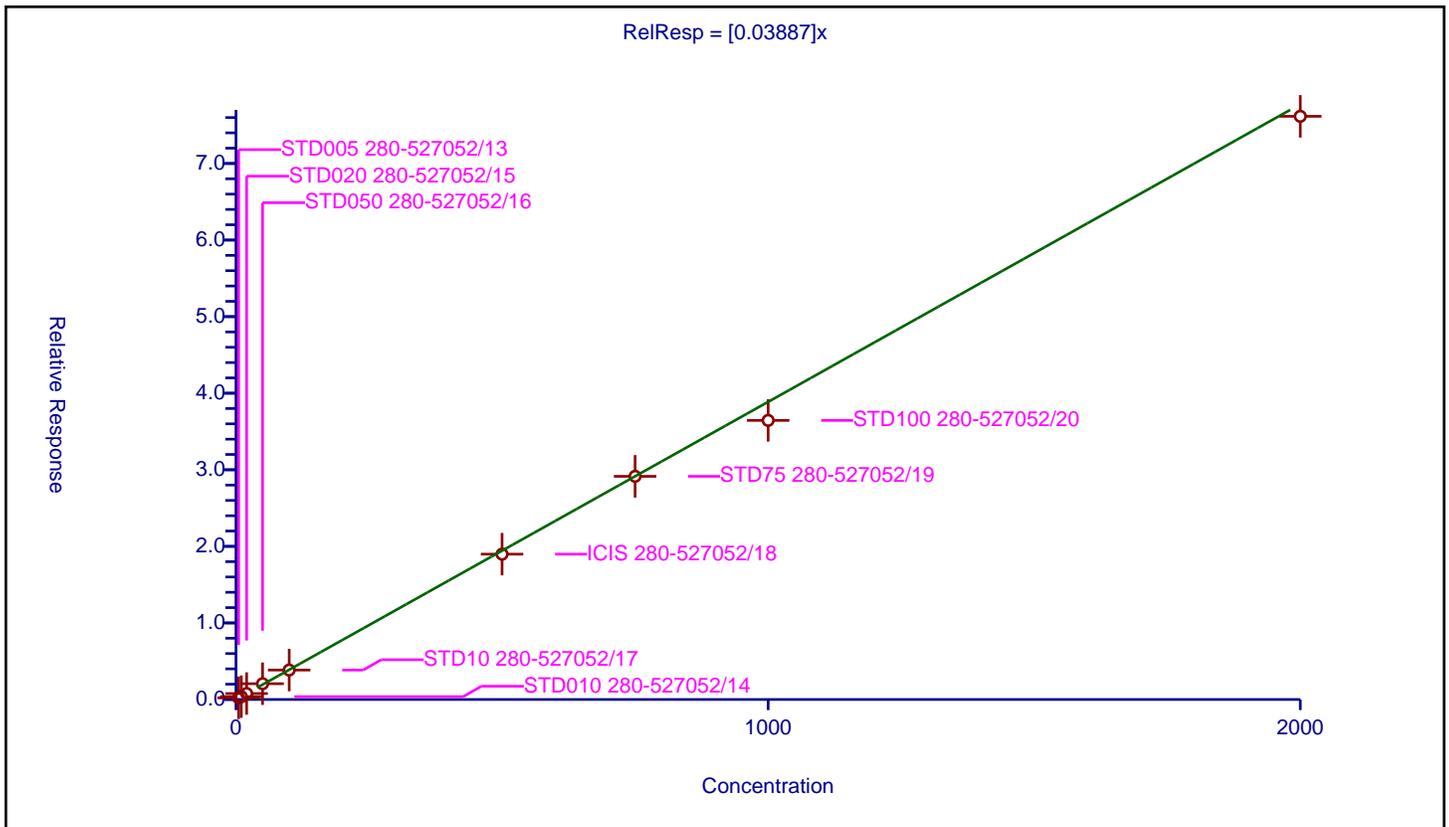
/ 2-Methyl-2-propanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03887

Error Coefficients	
Standard Error:	764000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	5.0	0.212777	50.0	1153789.0	0.042555	Y
2	STD010 280-527052/14	10.0	0.372042	50.0	1161427.0	0.037204	Y
3	STD020 280-527052/15	20.0	0.779974	50.0	1150167.0	0.038999	Y
4	STD050 280-527052/16	50.0	2.063051	50.0	1128935.0	0.041261	Y
5	STD10 280-527052/17	100.0	3.844582	50.0	1157733.0	0.038446	Y
6	ICIS 280-527052/18	500.0	18.980062	50.0	1161777.0	0.03796	Y
7	STD75 280-527052/19	750.0	29.143424	50.0	1164532.0	0.038858	Y
8	STD100 280-527052/20	1000.0	36.44902	50.0	1184656.0	0.036449	Y
9	STD200 280-527052/21	2000.0	76.161415	50.0	1186096.0	0.038081	Y



**Calibration**

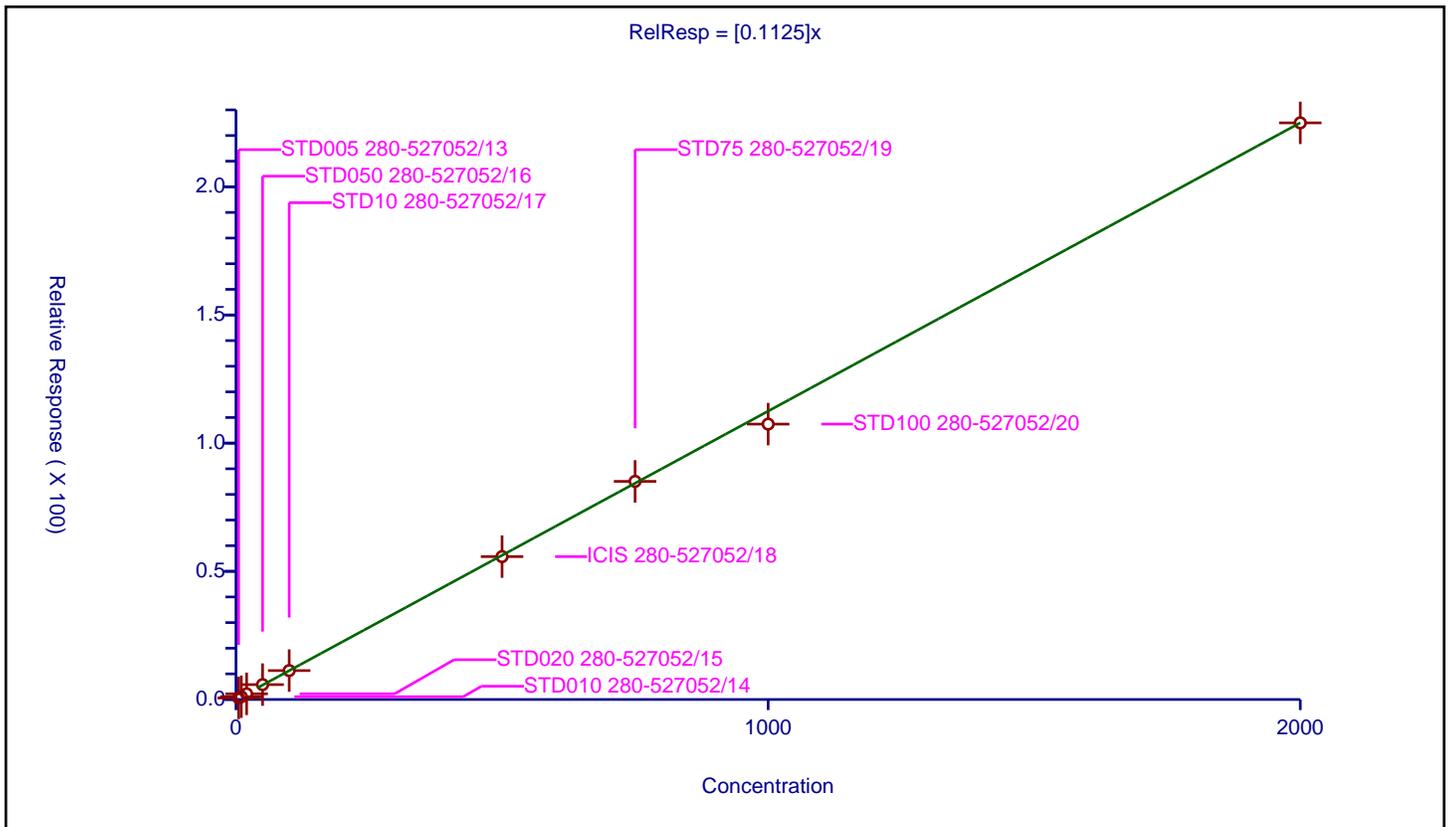
/ Acrylonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1125

Error Coefficients	
Standard Error:	2250000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	5.0	0.592526	50.0	1153789.0	0.118505	Y
2	STD010 280-527052/14	10.0	1.095893	50.0	1161427.0	0.109589	Y
3	STD020 280-527052/15	20.0	2.212157	50.0	1150167.0	0.110608	Y
4	STD050 280-527052/16	50.0	5.803434	50.0	1128935.0	0.116069	Y
5	STD10 280-527052/17	100.0	11.281789	50.0	1157733.0	0.112818	Y
6	ICIS 280-527052/18	500.0	55.732684	50.0	1161777.0	0.111465	Y
7	STD75 280-527052/19	750.0	85.086627	50.0	1164532.0	0.113449	Y
8	STD100 280-527052/20	1000.0	107.427557	50.0	1184656.0	0.107428	Y
9	STD200 280-527052/21	2000.0	224.941067	50.0	1186096.0	0.112471	Y



Calibration

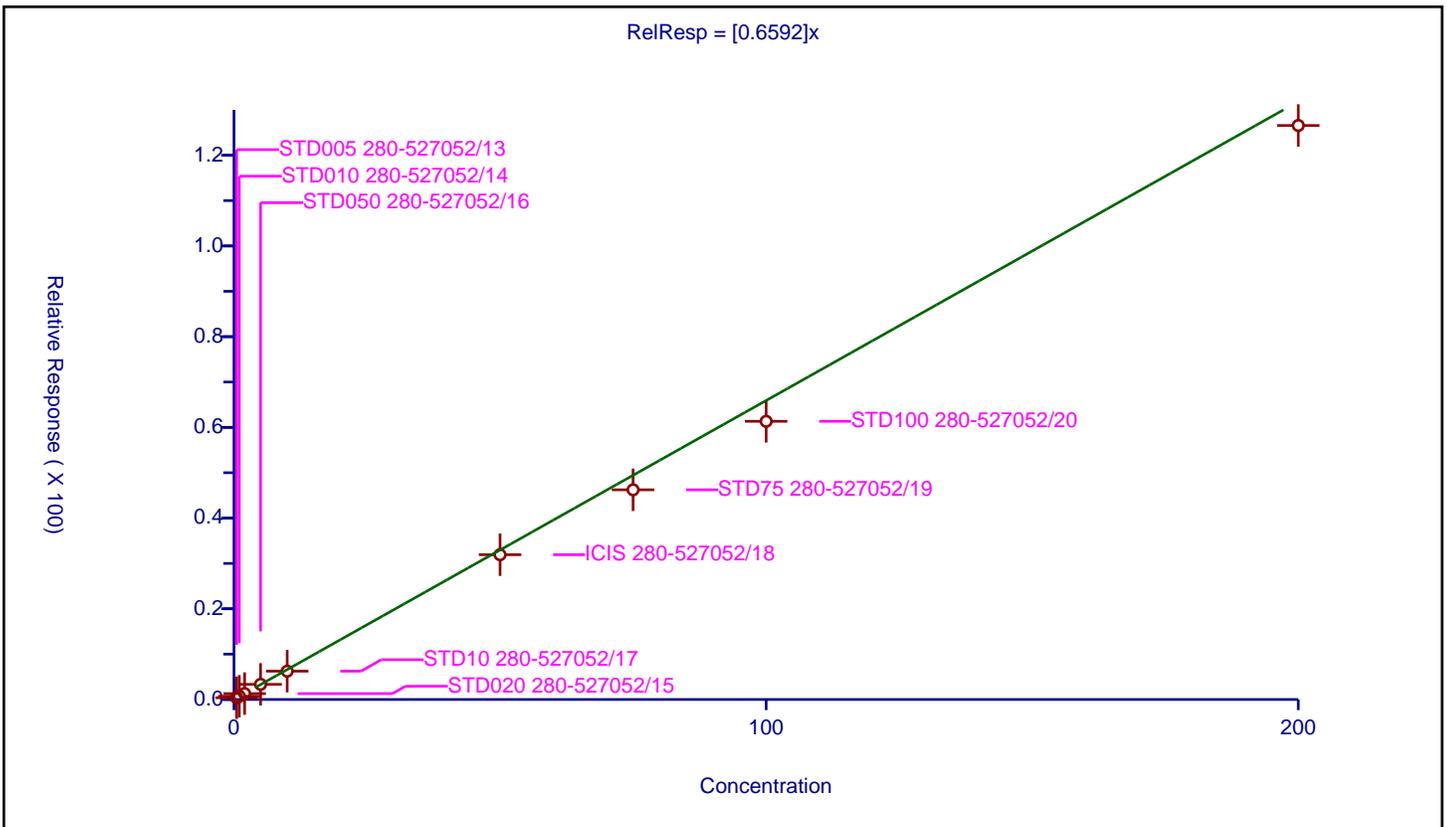
/ Methyl tert-butyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6592

Error Coefficients	
Standard Error:	1270000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.385079	50.0	1153789.0	0.770158	Y
2	STD010 280-527052/14	1.0	0.717436	50.0	1161427.0	0.717436	Y
3	STD020 280-527052/15	2.0	1.303376	50.0	1150167.0	0.651688	Y
4	STD050 280-527052/16	5.0	3.339519	50.0	1128935.0	0.667904	Y
5	STD10 280-527052/17	10.0	6.245395	50.0	1157733.0	0.62454	Y
6	ICIS 280-527052/18	50.0	31.92351	50.0	1161777.0	0.63847	Y
7	STD75 280-527052/19	75.0	46.23338	50.0	1164532.0	0.616445	Y
8	STD100 280-527052/20	100.0	61.335907	50.0	1184656.0	0.613359	Y
9	STD200 280-527052/21	200.0	126.564882	50.0	1186096.0	0.632824	Y



Calibration

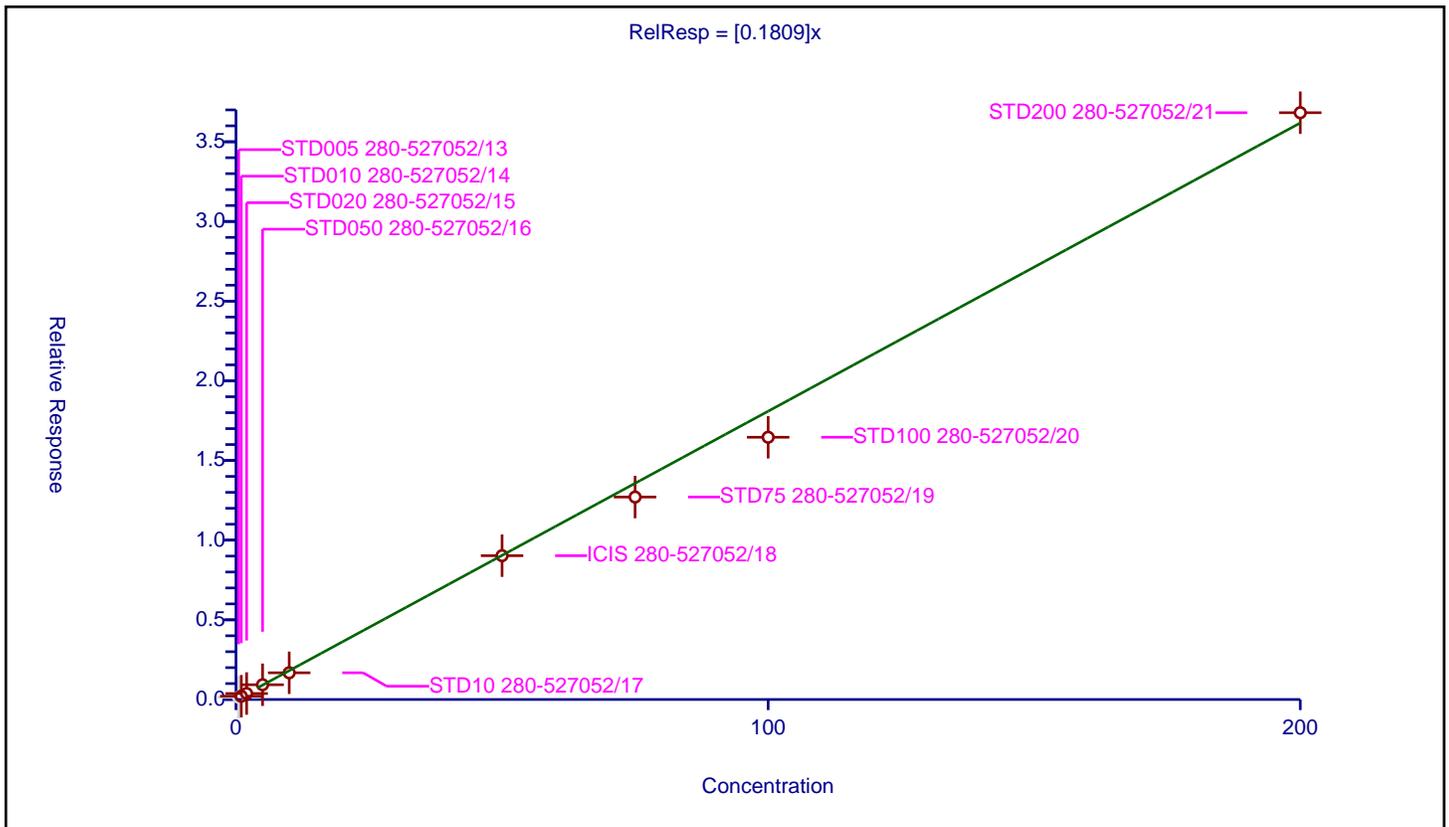
/ trans-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1809

Error Coefficients	
Standard Error:	387000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.140234	50.0	1153789.0	0.280467	N
2	STD010 280-527052/14	1.0	0.207934	50.0	1161427.0	0.207934	Y
3	STD020 280-527052/15	2.0	0.375424	50.0	1150167.0	0.187712	Y
4	STD050 280-527052/16	5.0	0.926626	50.0	1128935.0	0.185325	Y
5	STD10 280-527052/17	10.0	1.676725	50.0	1157733.0	0.167673	Y
6	ICIS 280-527052/18	50.0	9.024064	50.0	1161777.0	0.180481	Y
7	STD75 280-527052/19	75.0	12.704288	50.0	1164532.0	0.169391	Y
8	STD100 280-527052/20	100.0	16.457816	50.0	1184656.0	0.164578	Y
9	STD200 280-527052/21	200.0	36.824169	50.0	1186096.0	0.184121	Y



Calibration

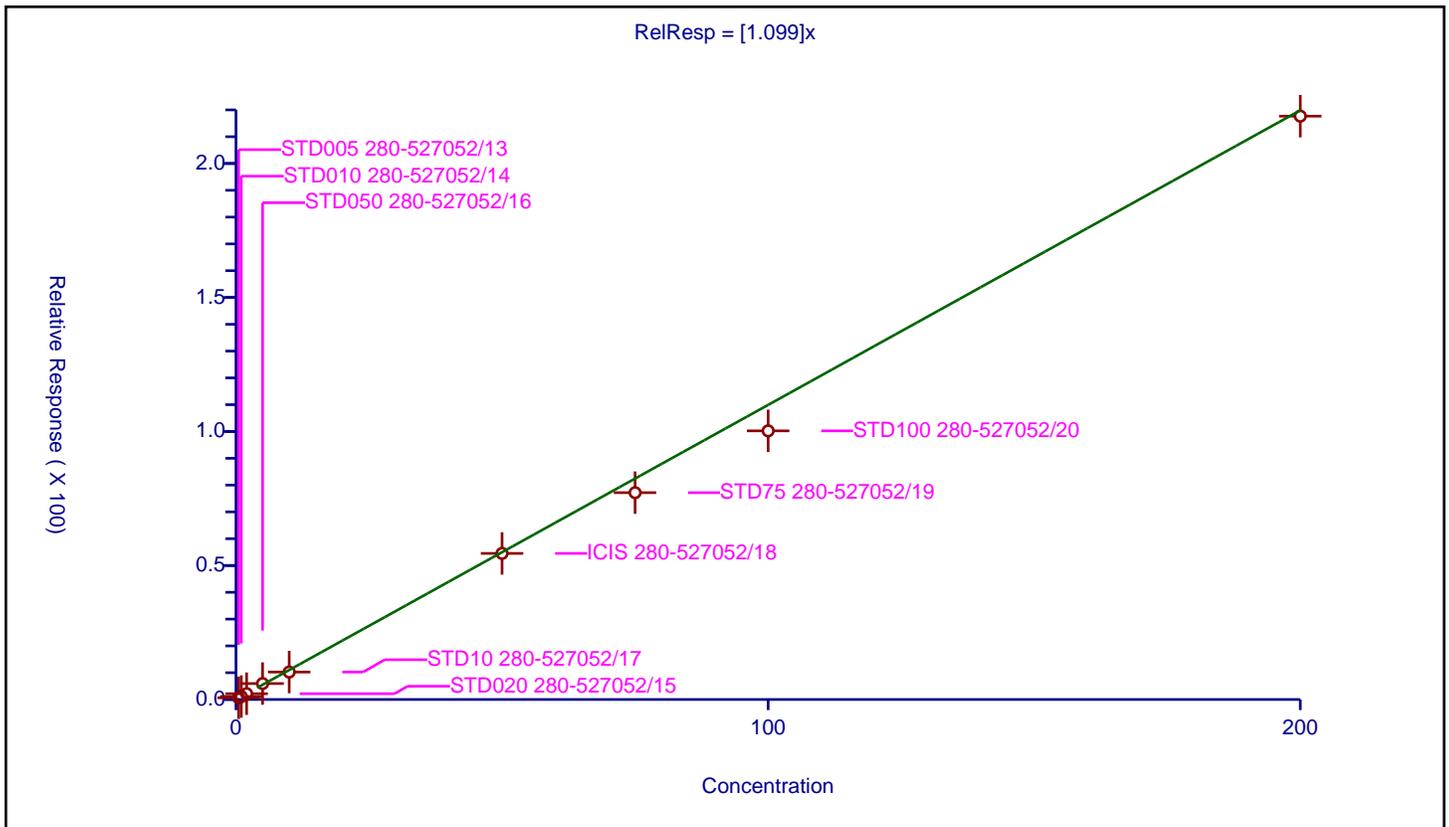
/ Hexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.099

Error Coefficients	
Standard Error:	498000
Relative Standard Error:	8.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.640748	50.0	260633.0	1.281495	Y
2	STD010 280-527052/14	1.0	1.104966	50.0	267429.0	1.104966	Y
3	STD020 280-527052/15	2.0	2.164857	50.0	269094.0	1.082428	Y
4	STD050 280-527052/16	5.0	5.946699	50.0	262095.0	1.18934	Y
5	STD10 280-527052/17	10.0	10.246369	50.0	266470.0	1.024637	Y
6	ICIS 280-527052/18	50.0	54.505114	50.0	265243.0	1.090102	Y
7	STD75 280-527052/19	75.0	77.174507	50.0	268923.0	1.028993	Y
8	STD100 280-527052/20	100.0	100.240938	50.0	270401.0	1.002409	Y
9	STD200 280-527052/21	200.0	217.664884	50.0	275057.0	1.088324	Y



**Calibration**

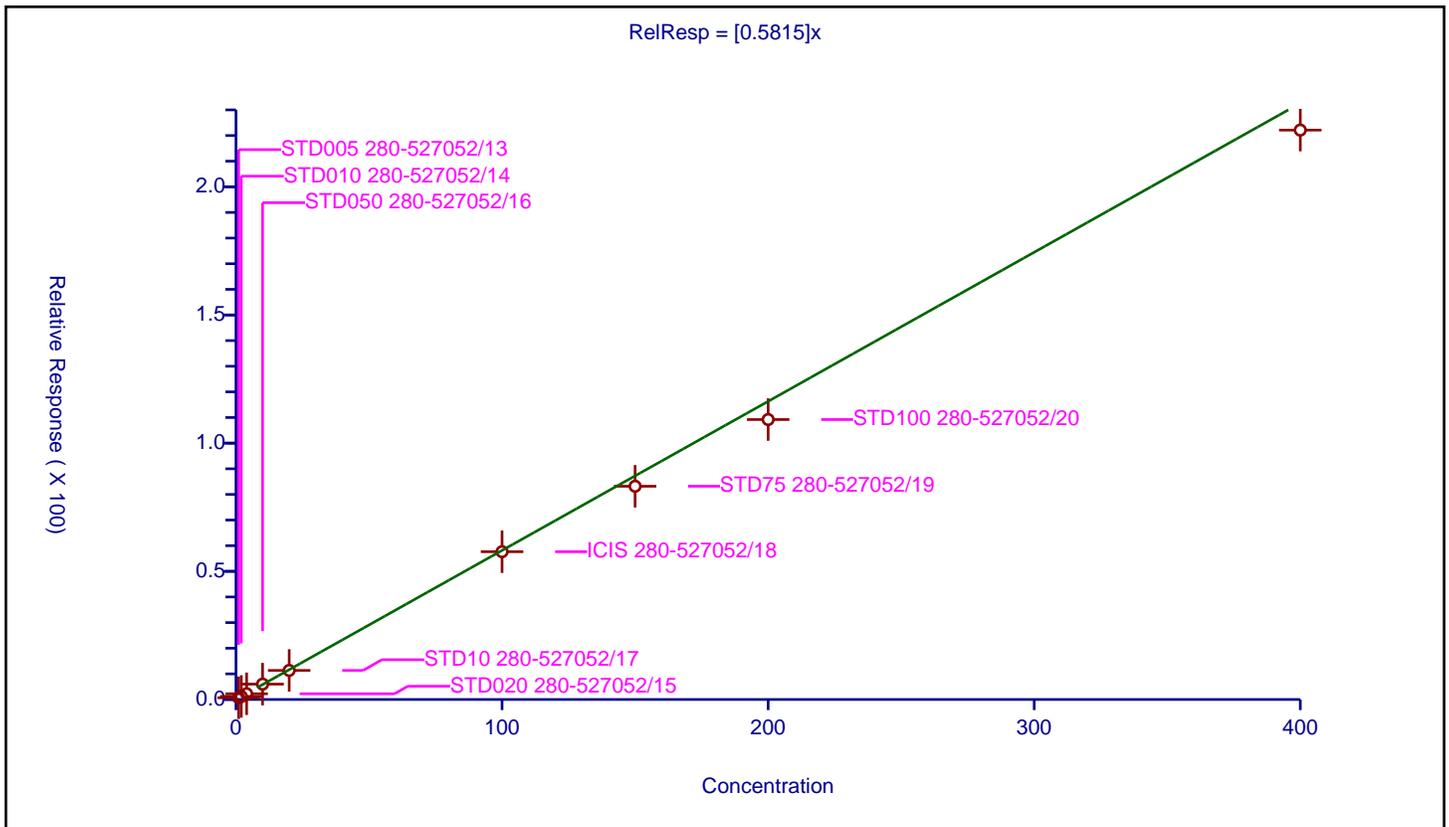
/ Vinyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5815

Error Coefficients	
Standard Error:	2240000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	1.0	0.681927	50.0	1153789.0	0.681927	Y
2	STD010 280-527052/14	2.0	1.191638	50.0	1161427.0	0.595819	Y
3	STD020 280-527052/15	4.0	2.226807	50.0	1150167.0	0.556702	Y
4	STD050 280-527052/16	10.0	5.99884	50.0	1128935.0	0.599884	Y
5	STD10 280-527052/17	20.0	11.342339	50.0	1157733.0	0.567117	Y
6	ICIS 280-527052/18	100.0	57.652243	50.0	1161777.0	0.576522	Y
7	STD75 280-527052/19	150.0	83.185348	50.0	1164532.0	0.554569	Y
8	STD100 280-527052/20	200.0	109.208285	50.0	1184656.0	0.546041	Y
9	STD200 280-527052/21	400.0	222.122998	50.0	1186096.0	0.555307	Y



Calibration

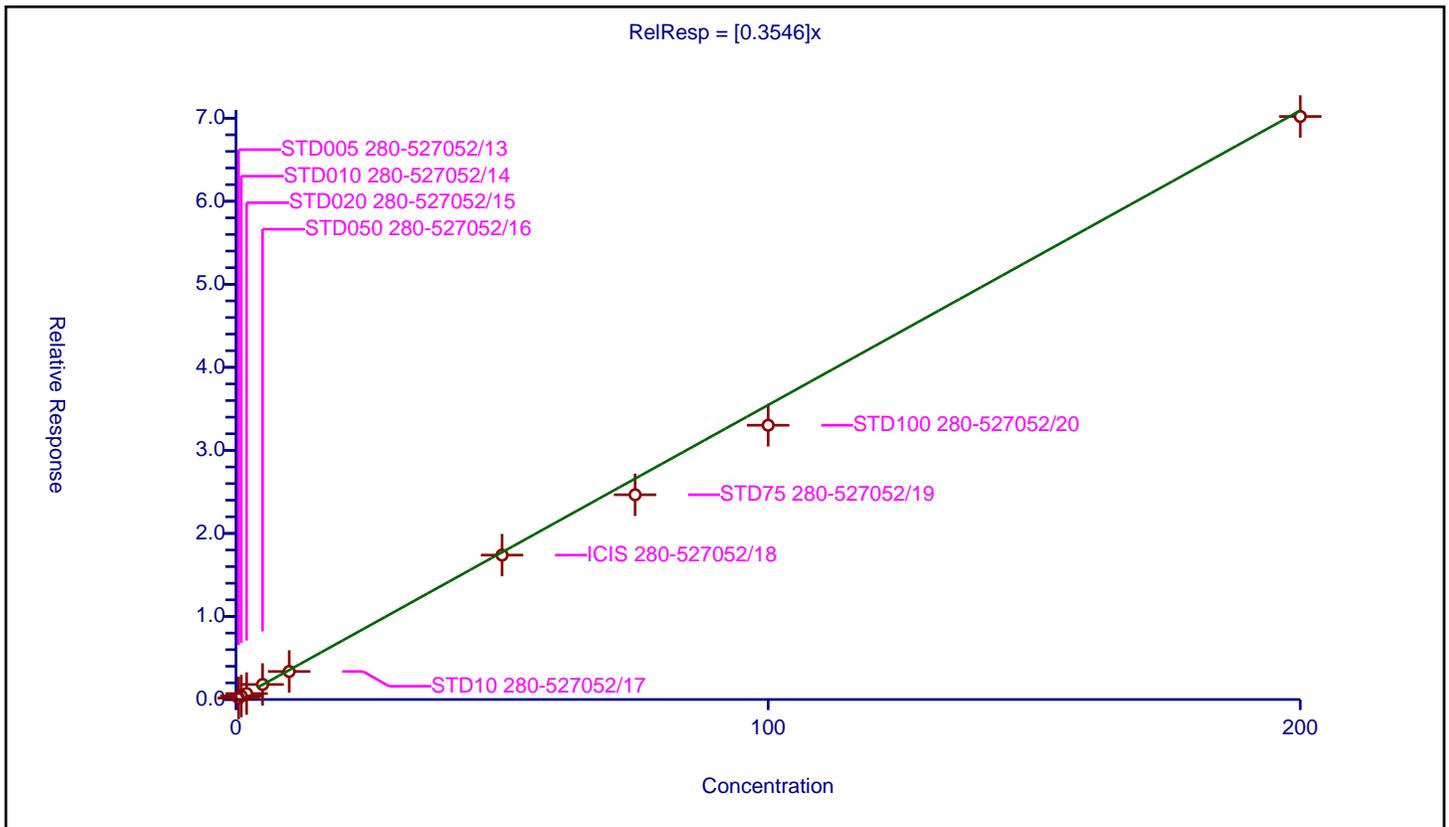
/ 1,1-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3546

Error Coefficients	
Standard Error:	697000
Relative Standard Error:	7.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.178109	50.0	1153789.0	0.356218	Y
2	STD010 280-527052/14	1.0	0.421507	50.0	1161427.0	0.421507	Y
3	STD020 280-527052/15	2.0	0.713244	50.0	1150167.0	0.356622	Y
4	STD050 280-527052/16	5.0	1.808917	50.0	1128935.0	0.361783	Y
5	STD10 280-527052/17	10.0	3.374353	50.0	1157733.0	0.337435	Y
6	ICIS 280-527052/18	50.0	17.387244	50.0	1161777.0	0.347745	Y
7	STD75 280-527052/19	75.0	24.655699	50.0	1164532.0	0.328743	Y
8	STD100 280-527052/20	100.0	33.026296	50.0	1184656.0	0.330263	Y
9	STD200 280-527052/21	200.0	70.209072	50.0	1186096.0	0.351045	Y



**Calibration**

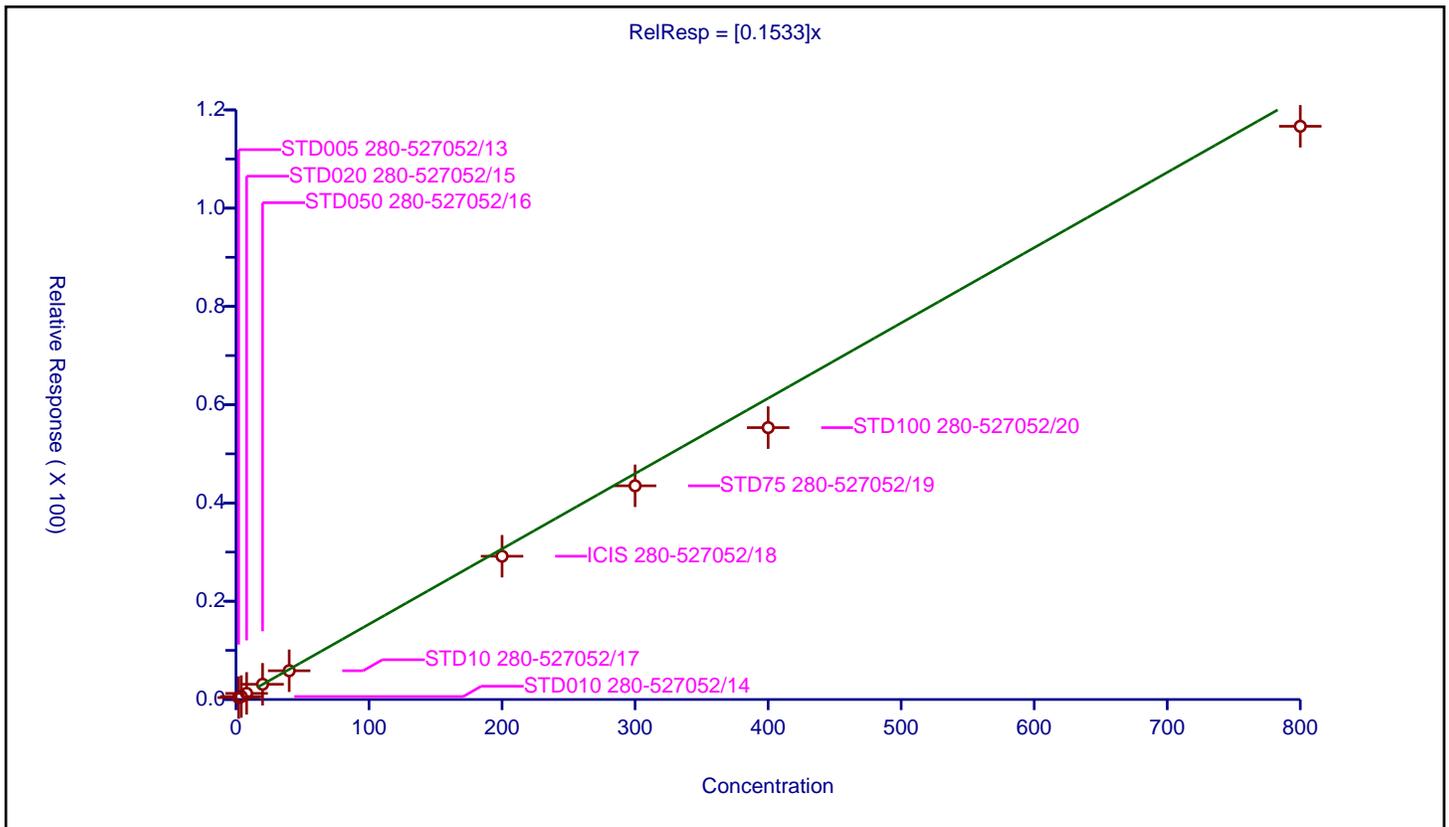
**/ 2-Butanone (MEK)**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
<b>Intercept:</b>	0
<b>Slope:</b>	0.1533

Error Coefficients	
<b>Standard Error:</b>	1170000
<b>Relative Standard Error:</b>	11.1
<b>Correlation Coefficient:</b>	0.999
<b>Coefficient of Determination (Adjusted):</b>	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	2.0	0.392879	50.0	1153789.0	0.19644	Y
2	STD010 280-527052/14	4.0	0.604171	50.0	1161427.0	0.151043	Y
3	STD020 280-527052/15	8.0	1.245384	50.0	1150167.0	0.155673	Y
4	STD050 280-527052/16	20.0	3.097964	50.0	1128935.0	0.154898	Y
5	STD10 280-527052/17	40.0	5.852602	50.0	1157733.0	0.146315	Y
6	ICIS 280-527052/18	200.0	29.161061	50.0	1161777.0	0.145805	Y
7	STD75 280-527052/19	300.0	43.495069	50.0	1164532.0	0.144984	Y
8	STD100 280-527052/20	400.0	55.332898	50.0	1184656.0	0.138332	Y
9	STD200 280-527052/21	800.0	116.663533	50.0	1186096.0	0.145829	Y



Calibration

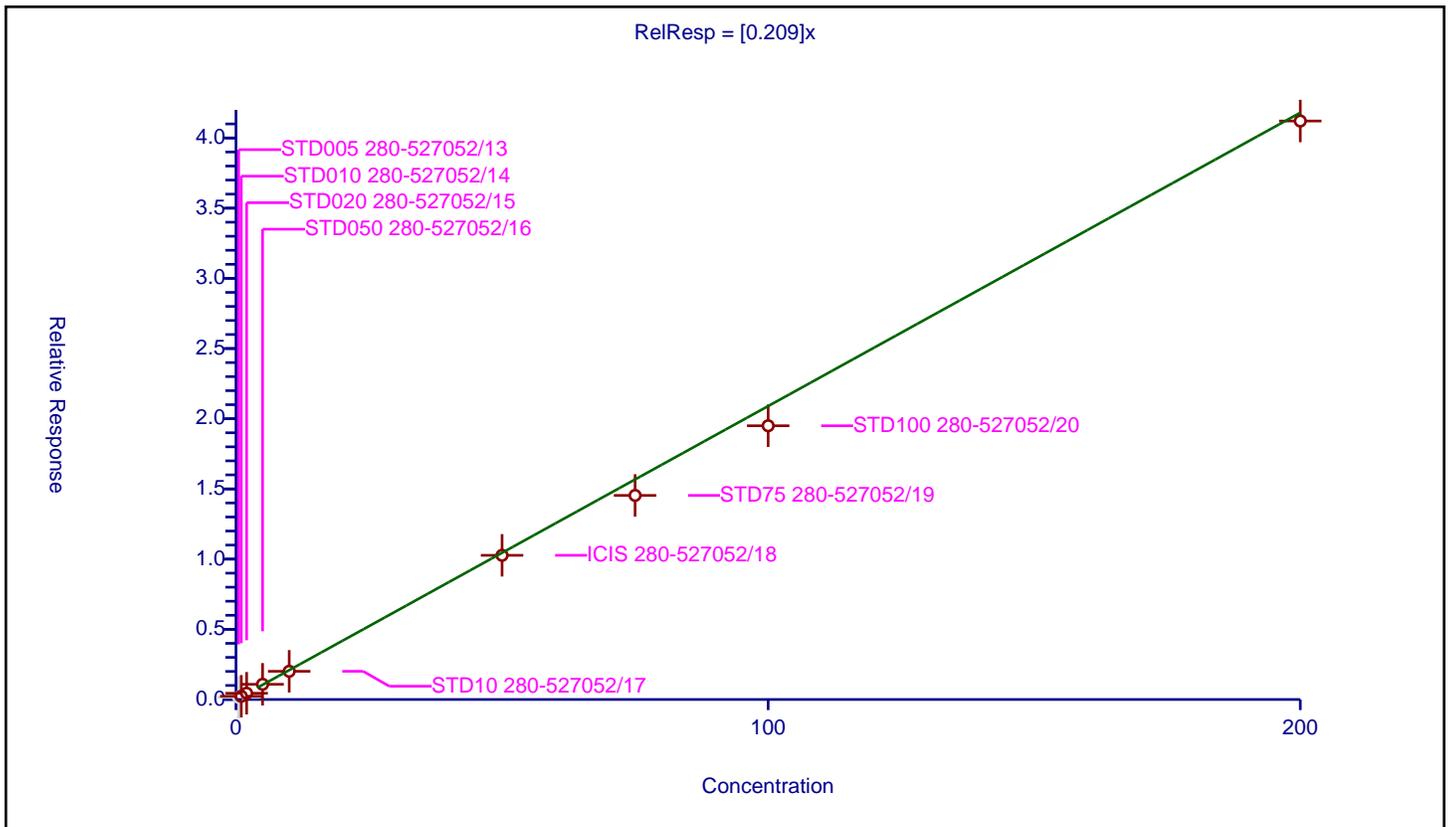
/ cis-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.209

Error Coefficients	
Standard Error:	438000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.154014	50.0	1153789.0	0.308029	N
2	STD010 280-527052/14	1.0	0.231526	50.0	1161427.0	0.231526	Y
3	STD020 280-527052/15	2.0	0.445457	50.0	1150167.0	0.222729	Y
4	STD050 280-527052/16	5.0	1.082879	50.0	1128935.0	0.216576	Y
5	STD10 280-527052/17	10.0	2.009272	50.0	1157733.0	0.200927	Y
6	ICIS 280-527052/18	50.0	10.269613	50.0	1161777.0	0.205392	Y
7	STD75 280-527052/19	75.0	14.536097	50.0	1164532.0	0.193815	Y
8	STD100 280-527052/20	100.0	19.499036	50.0	1184656.0	0.19499	Y
9	STD200 280-527052/21	200.0	41.207879	50.0	1186096.0	0.206039	Y



Calibration

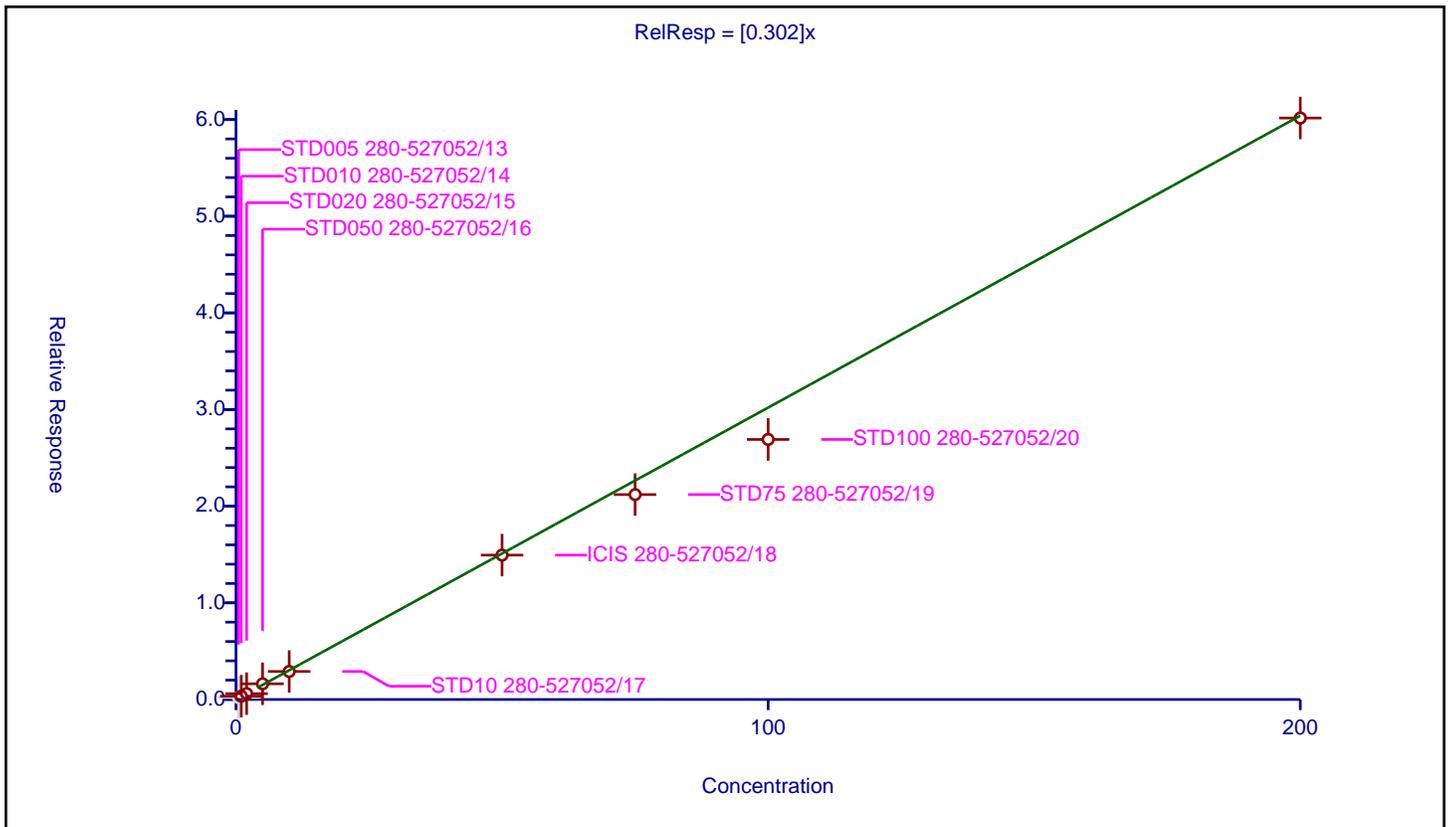
/ 2,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.302

Error Coefficients	
Standard Error:	634000
Relative Standard Error:	8.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.204587	50.0	1153789.0	0.409174	N
2	STD010 280-527052/14	1.0	0.346556	50.0	1161427.0	0.346556	Y
3	STD020 280-527052/15	2.0	0.605564	50.0	1150167.0	0.302782	Y
4	STD050 280-527052/16	5.0	1.626179	50.0	1128935.0	0.325236	Y
5	STD10 280-527052/17	10.0	2.900453	50.0	1157733.0	0.290045	Y
6	ICIS 280-527052/18	50.0	14.937763	50.0	1161777.0	0.298755	Y
7	STD75 280-527052/19	75.0	21.201049	50.0	1164532.0	0.282681	Y
8	STD100 280-527052/20	100.0	26.904899	50.0	1184656.0	0.269049	Y
9	STD200 280-527052/21	200.0	60.161783	50.0	1186096.0	0.300809	Y



Calibration

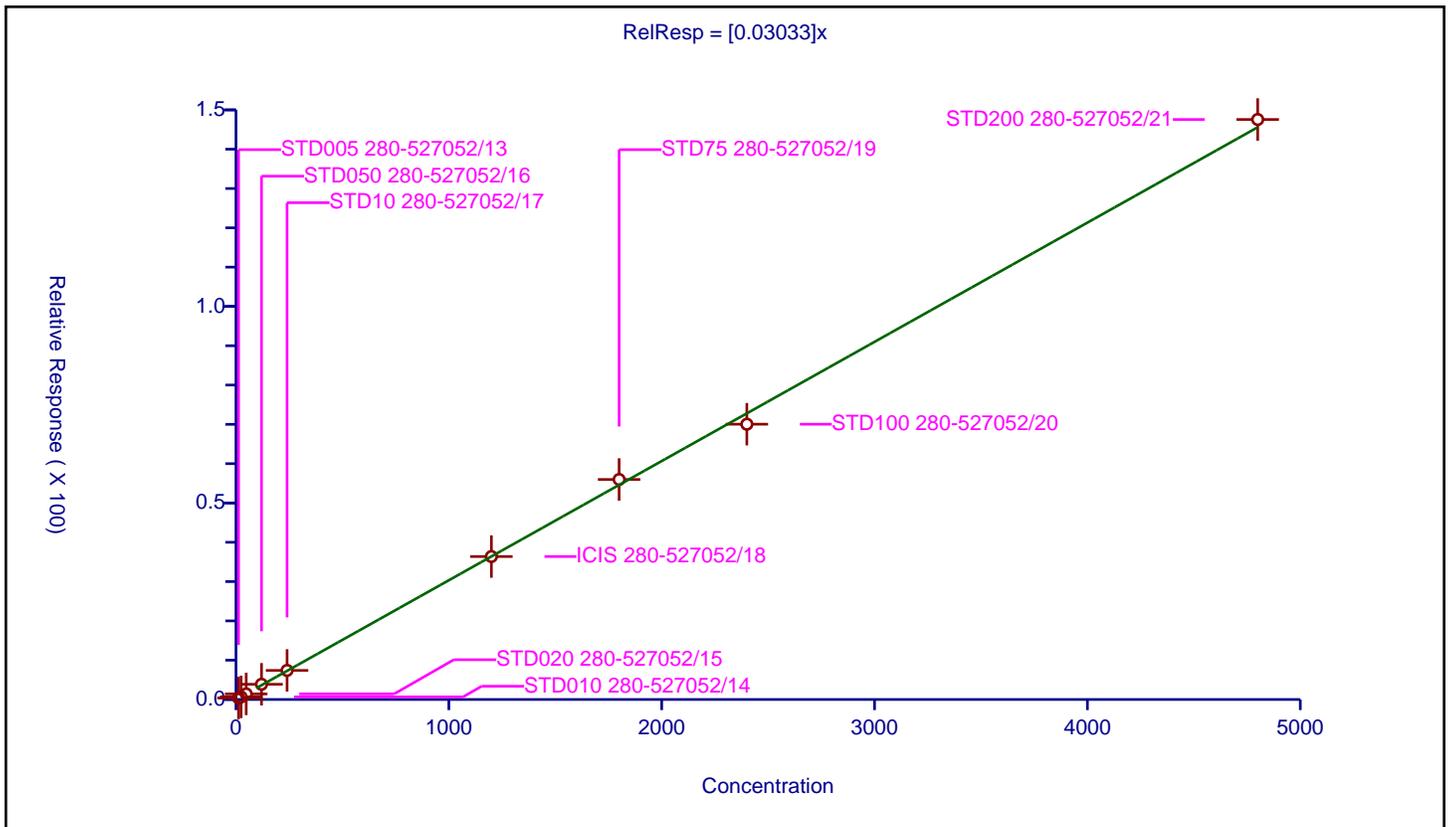
/ sec-Butyl Alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03033

Error Coefficients	
Standard Error:	1480000
Relative Standard Error:	4.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	12.0	0.377279	50.0	1153789.0	0.03144	Y
2	STD010 280-527052/14	24.0	0.658672	50.0	1161427.0	0.027445	Y
3	STD020 280-527052/15	48.0	1.423185	50.0	1150167.0	0.02965	Y
4	STD050 280-527052/16	120.0	3.874935	50.0	1128935.0	0.032291	Y
5	STD10 280-527052/17	240.0	7.396135	50.0	1157733.0	0.030817	Y
6	ICIS 280-527052/18	1200.0	36.367608	50.0	1161777.0	0.030306	Y
7	STD75 280-527052/19	1800.0	55.971841	50.0	1164532.0	0.031095	Y
8	STD100 280-527052/20	2400.0	70.033875	50.0	1184656.0	0.029181	Y
9	STD200 280-527052/21	4800.0	147.556859	50.0	1186096.0	0.030741	Y



**Calibration**

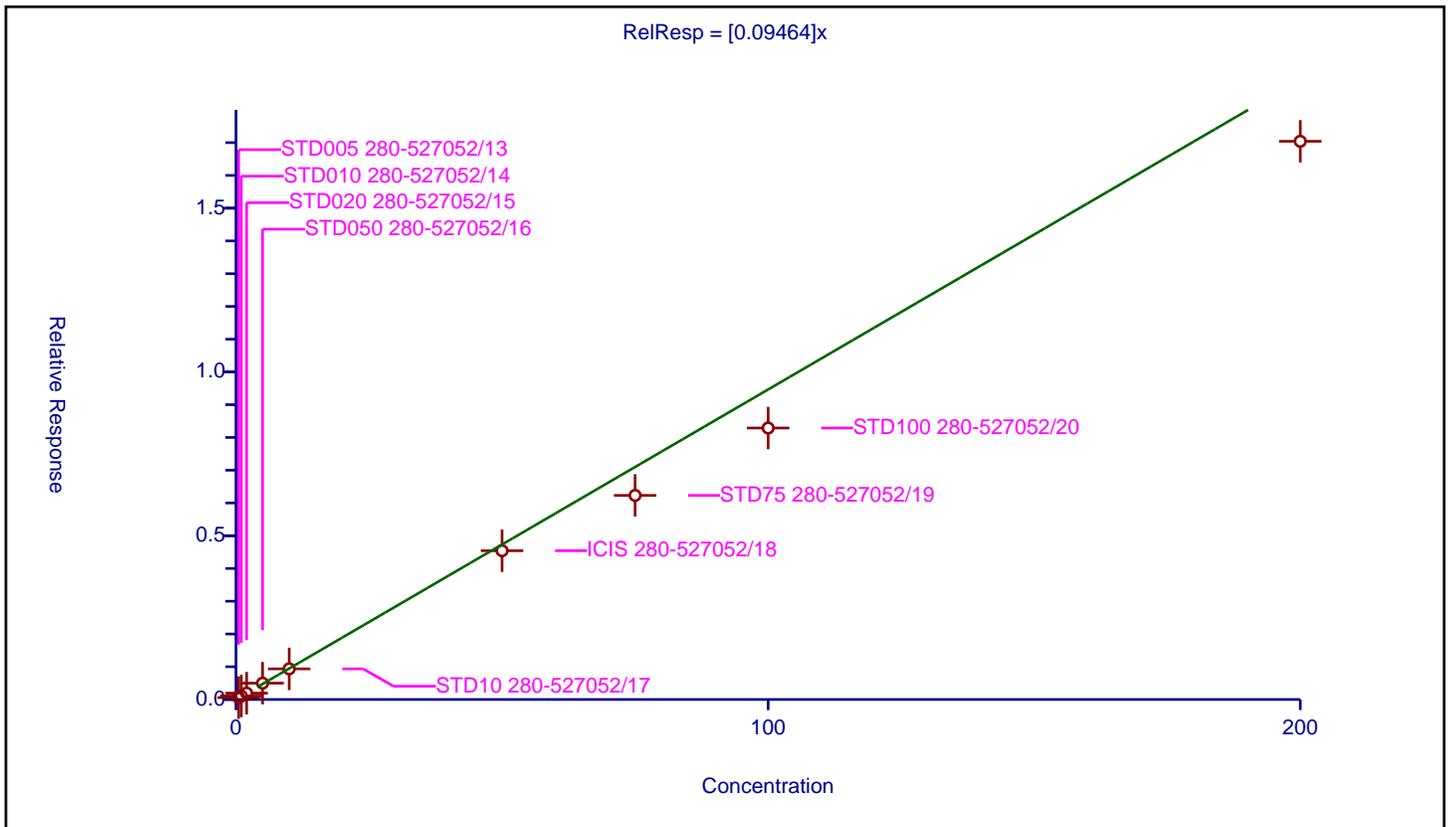
/ Chlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.09464

Error Coefficients	
Standard Error:	171000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.056683	50.0	1153789.0	0.113366	Y
2	STD010 280-527052/14	1.0	0.106335	50.0	1161427.0	0.106335	Y
3	STD020 280-527052/15	2.0	0.193537	50.0	1150167.0	0.096769	Y
4	STD050 280-527052/16	5.0	0.4987	50.0	1128935.0	0.09974	Y
5	STD10 280-527052/17	10.0	0.935449	50.0	1157733.0	0.093545	Y
6	ICIS 280-527052/18	50.0	4.541534	50.0	1161777.0	0.090831	Y
7	STD75 280-527052/19	75.0	6.231259	50.0	1164532.0	0.083083	Y
8	STD100 280-527052/20	100.0	8.288187	50.0	1184656.0	0.082882	Y
9	STD200 280-527052/21	200.0	17.041454	50.0	1186096.0	0.085207	Y



Calibration

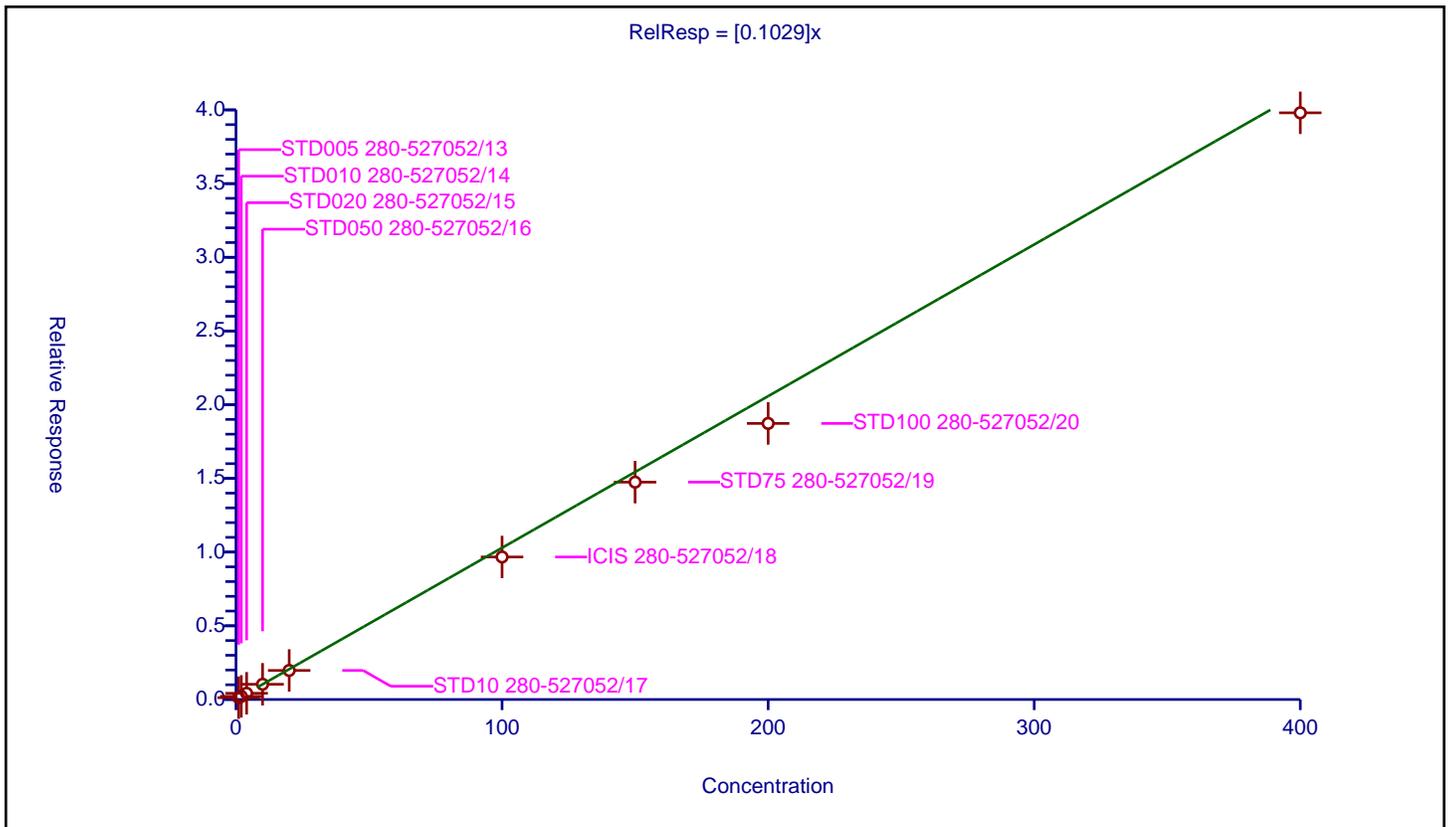
/ Tetrahydrofuran

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1029

Error Coefficients	
Standard Error:	397000
Relative Standard Error:	8.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	1.0	0.123809	50.0	1153789.0	0.123809	Y
2	STD010 280-527052/14	2.0	0.213573	50.0	1161427.0	0.106787	Y
3	STD020 280-527052/15	4.0	0.421547	50.0	1150167.0	0.105387	Y
4	STD050 280-527052/16	10.0	1.033895	50.0	1128935.0	0.103389	Y
5	STD10 280-527052/17	20.0	1.970143	50.0	1157733.0	0.098507	Y
6	ICIS 280-527052/18	100.0	9.668422	50.0	1161777.0	0.096684	Y
7	STD75 280-527052/19	150.0	14.746482	50.0	1164532.0	0.09831	Y
8	STD100 280-527052/20	200.0	18.728812	50.0	1184656.0	0.093644	Y
9	STD200 280-527052/21	400.0	39.801669	50.0	1186096.0	0.099504	Y



Calibration

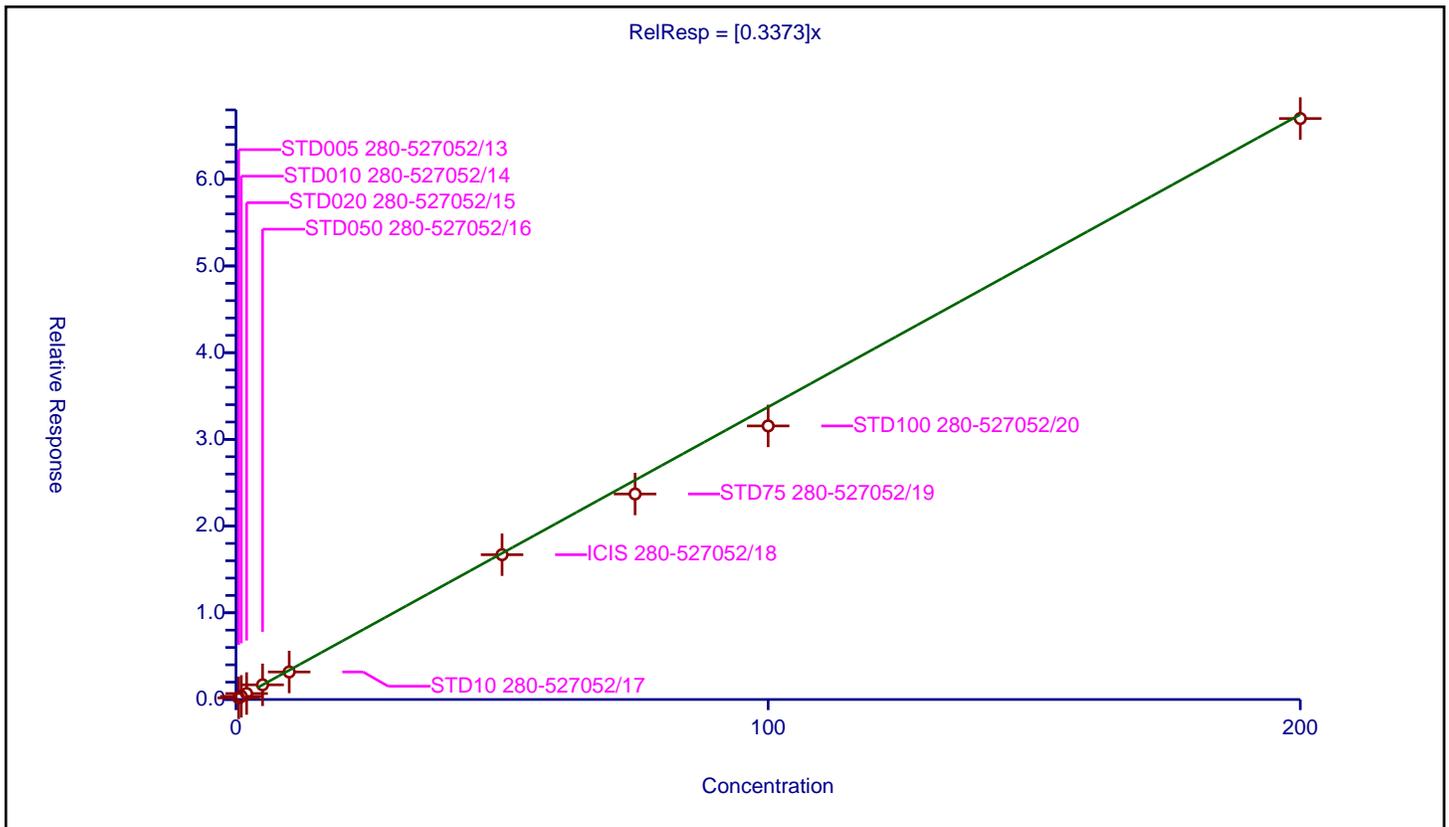
/ Chloroform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3373

Error Coefficients	
Standard Error:	666000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.185649	50.0	1153789.0	0.371298	Y
2	STD010 280-527052/14	1.0	0.363561	50.0	1161427.0	0.363561	Y
3	STD020 280-527052/15	2.0	0.688683	50.0	1150167.0	0.344341	Y
4	STD050 280-527052/16	5.0	1.693277	50.0	1128935.0	0.338655	Y
5	STD10 280-527052/17	10.0	3.176855	50.0	1157733.0	0.317686	Y
6	ICIS 280-527052/18	50.0	16.699117	50.0	1161777.0	0.333982	Y
7	STD75 280-527052/19	75.0	23.702011	50.0	1164532.0	0.316027	Y
8	STD100 280-527052/20	100.0	31.551607	50.0	1184656.0	0.315516	Y
9	STD200 280-527052/21	200.0	67.004315	50.0	1186096.0	0.335022	Y



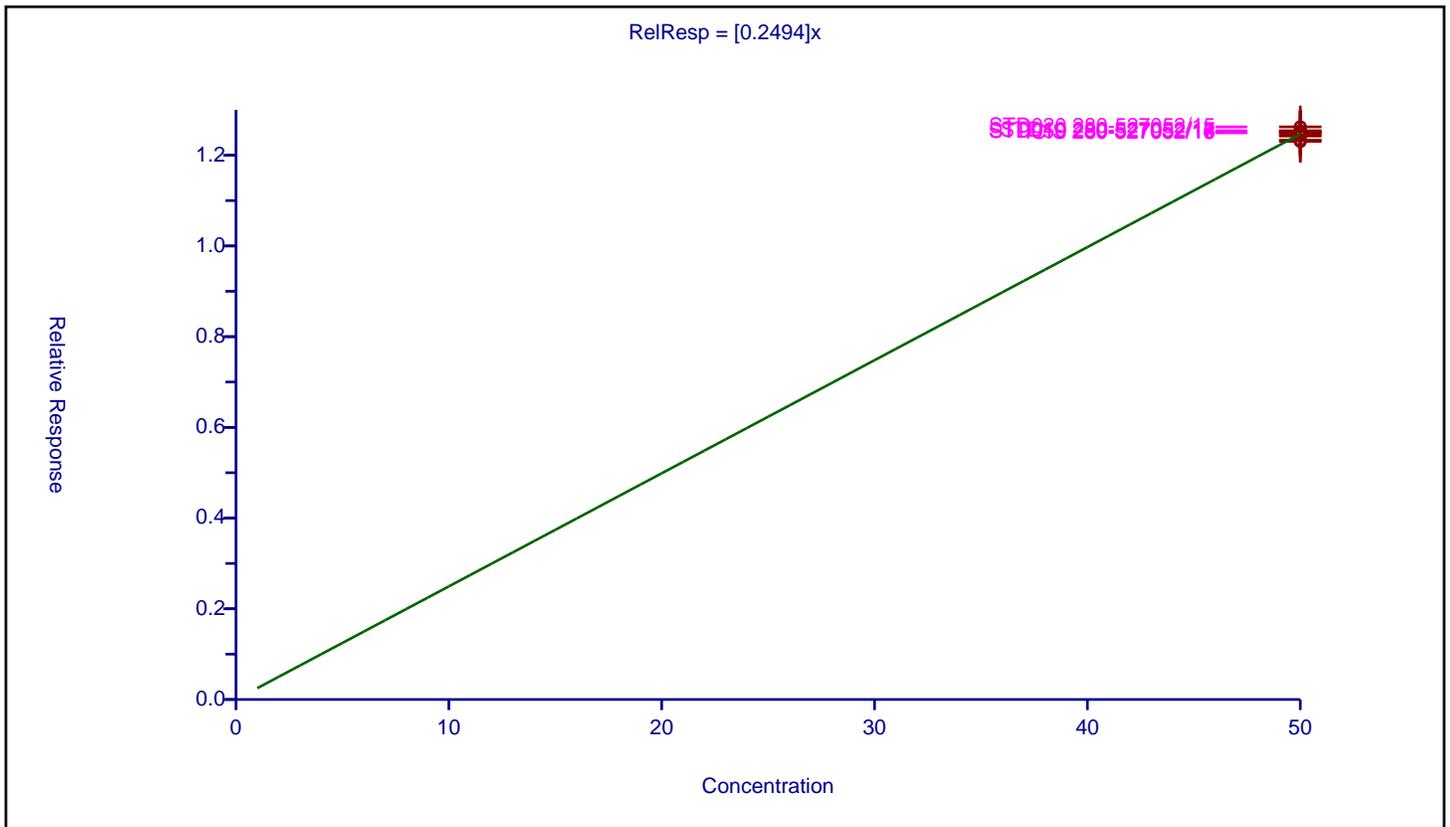
**Calibration**

/ Dibromofluoromethane (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2494
Error Coefficients	
Standard Error:	307000
Relative Standard Error:	0.8
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	50.0	12.45687	50.0	1153789.0	0.249137	Y
2	STD010 280-527052/14	50.0	12.514519	50.0	1161427.0	0.25029	Y
3	STD020 280-527052/15	50.0	12.626123	50.0	1150167.0	0.252522	Y
4	STD050 280-527052/16	50.0	12.520163	50.0	1128935.0	0.250403	Y
5	STD10 280-527052/17	50.0	12.539722	50.0	1157733.0	0.250794	Y
6	ICIS 280-527052/18	50.0	12.494825	50.0	1161777.0	0.249896	Y
7	STD75 280-527052/19	50.0	12.33225	50.0	1164532.0	0.246645	Y
8	STD100 280-527052/20	50.0	12.304247	50.0	1184656.0	0.246085	Y
9	STD200 280-527052/21	50.0	12.422688	50.0	1186096.0	0.248454	Y



Calibration

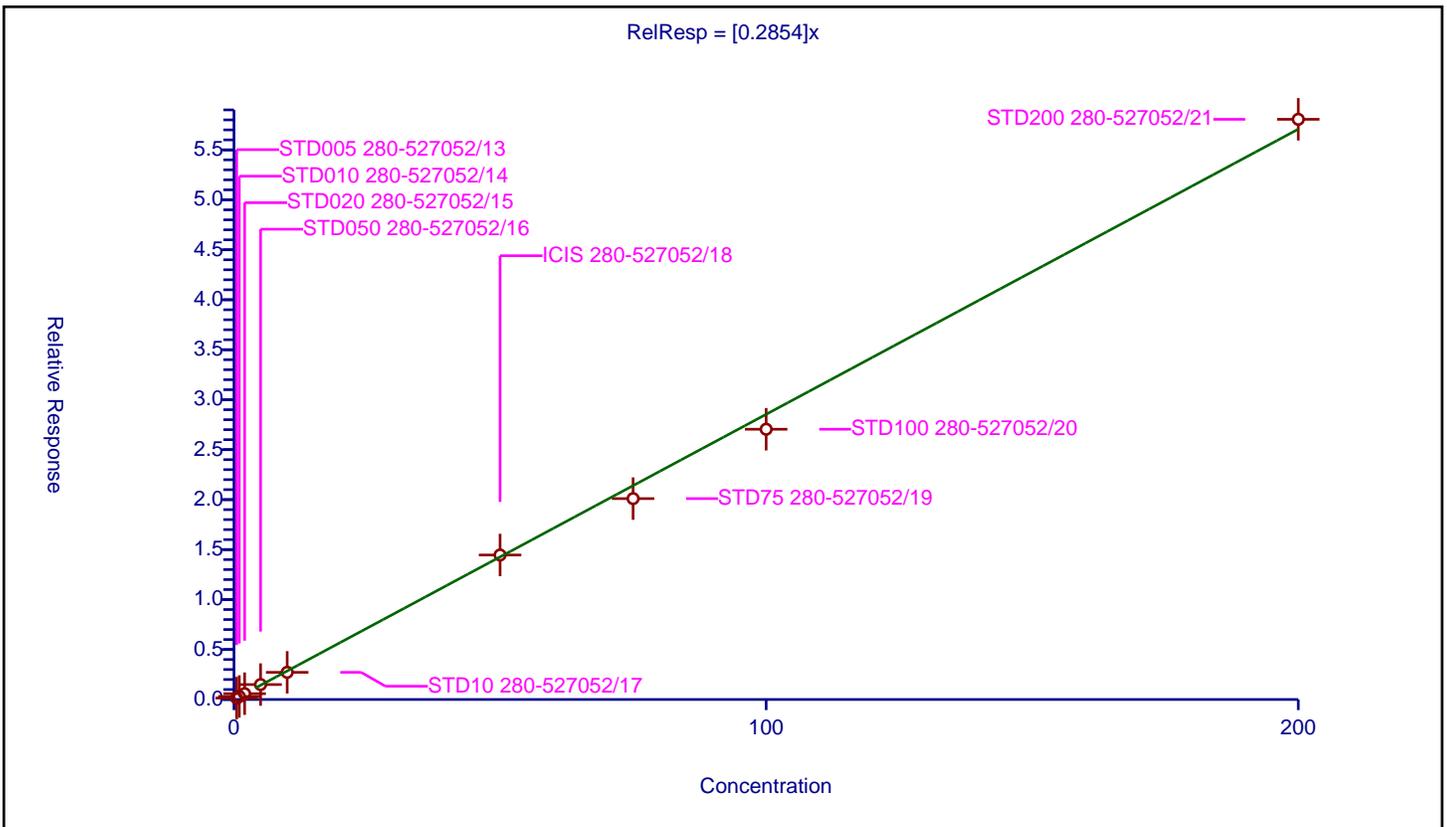
/ 1,1,1-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2854

Error Coefficients	
Standard Error:	575000
Relative Standard Error:	4.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.143224	50.0	1153789.0	0.286448	Y
2	STD010 280-527052/14	1.0	0.301483	50.0	1161427.0	0.301483	Y
3	STD020 280-527052/15	2.0	0.582872	50.0	1150167.0	0.291436	Y
4	STD050 280-527052/16	5.0	1.496145	50.0	1128935.0	0.299229	Y
5	STD10 280-527052/17	10.0	2.717552	50.0	1157733.0	0.271755	Y
6	ICIS 280-527052/18	50.0	14.457938	50.0	1161777.0	0.289159	Y
7	STD75 280-527052/19	75.0	20.102711	50.0	1164532.0	0.268036	Y
8	STD100 280-527052/20	100.0	27.043673	50.0	1184656.0	0.270437	Y
9	STD200 280-527052/21	200.0	58.057906	50.0	1186096.0	0.29029	Y



Calibration

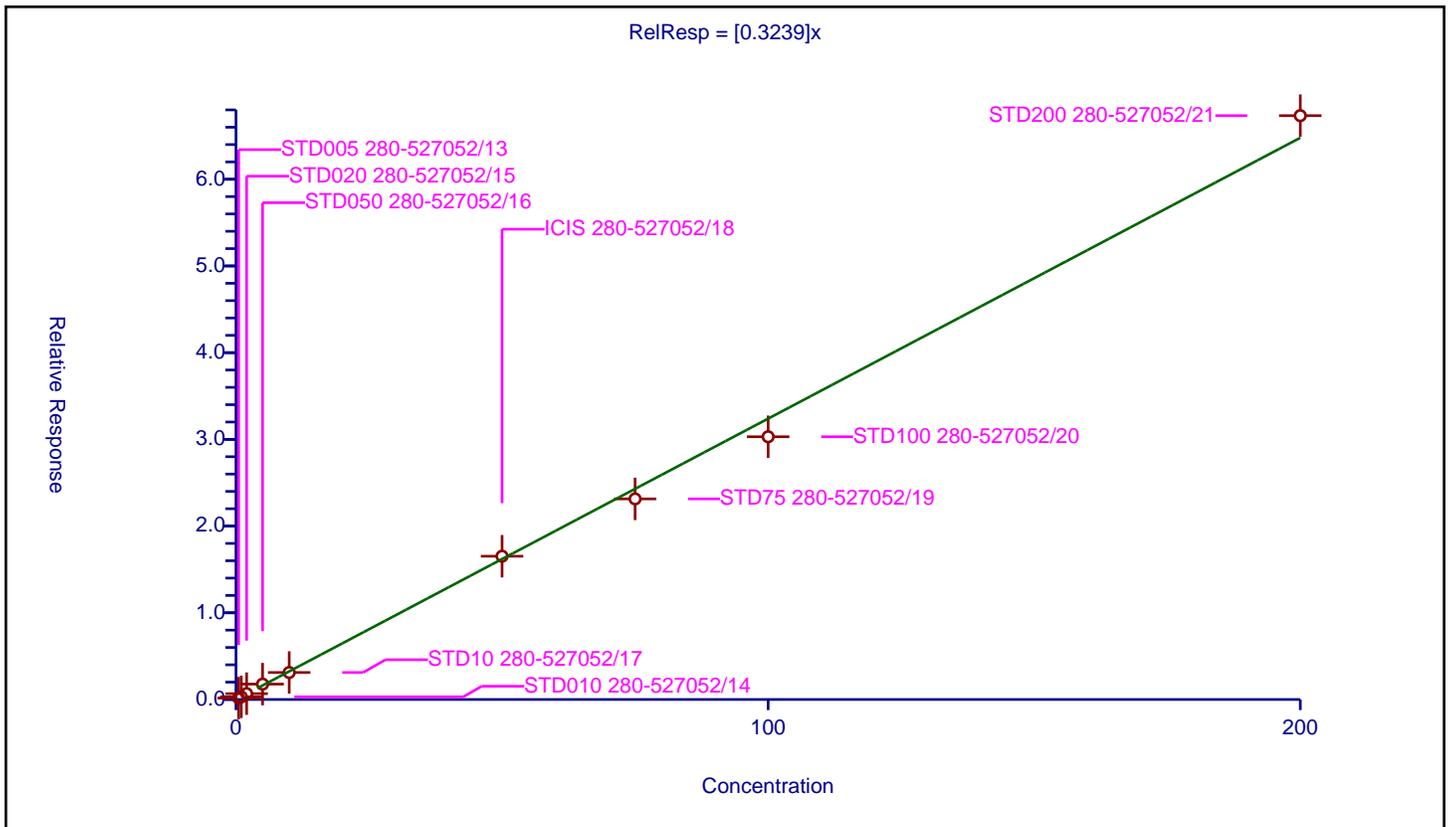
/ Cyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3239

Error Coefficients	
Standard Error:	663000
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.162855	50.0	1153789.0	0.325709	Y
2	STD010 280-527052/14	1.0	0.306907	50.0	1161427.0	0.306907	Y
3	STD020 280-527052/15	2.0	0.674641	50.0	1150167.0	0.337321	Y
4	STD050 280-527052/16	5.0	1.776409	50.0	1128935.0	0.355282	Y
5	STD10 280-527052/17	10.0	3.114103	50.0	1157733.0	0.31141	Y
6	ICIS 280-527052/18	50.0	16.524299	50.0	1161777.0	0.330486	Y
7	STD75 280-527052/19	75.0	23.134272	50.0	1164532.0	0.308457	Y
8	STD100 280-527052/20	100.0	30.303143	50.0	1184656.0	0.303031	Y
9	STD200 280-527052/21	200.0	67.335064	50.0	1186096.0	0.336675	Y



Calibration

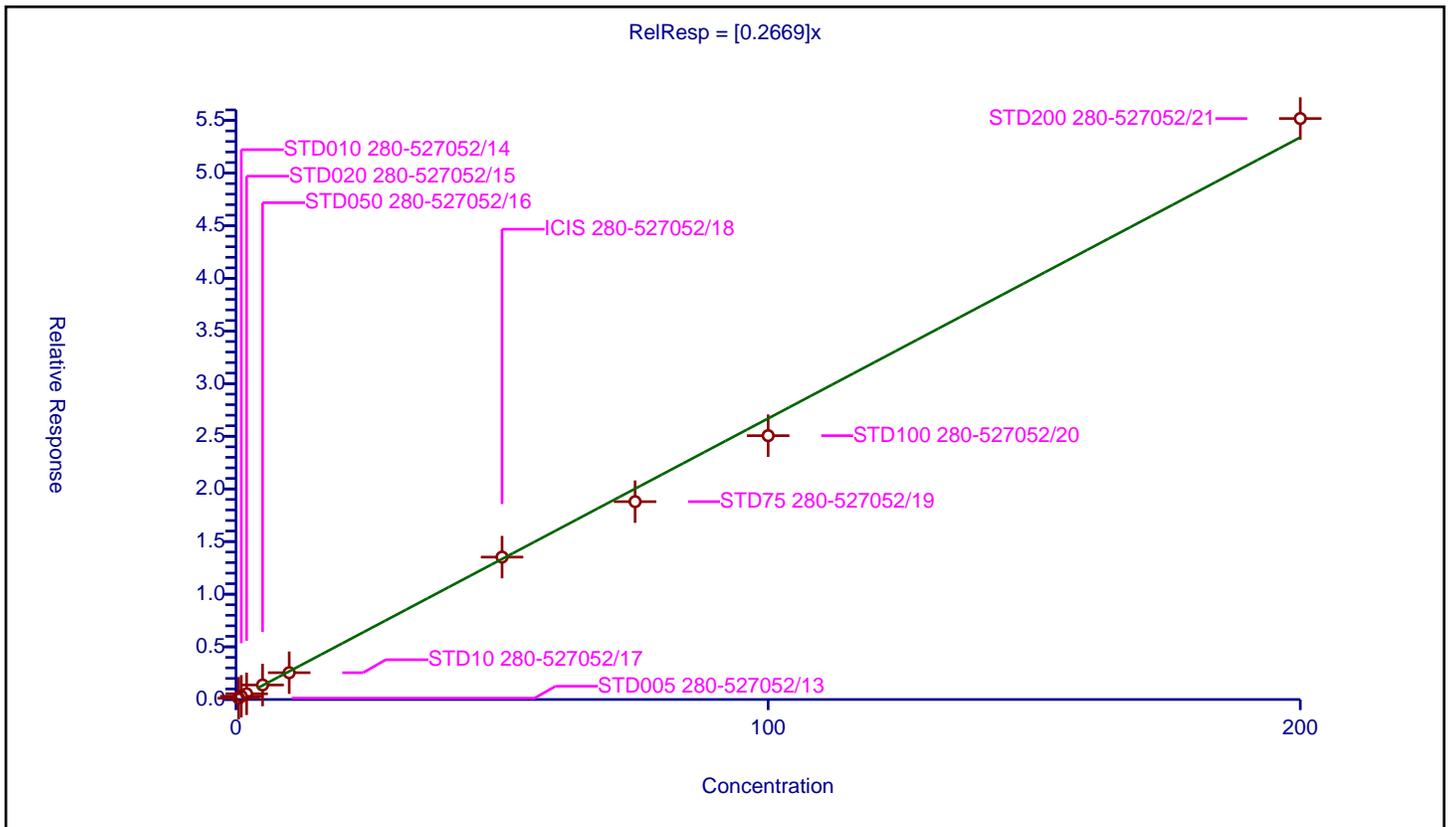
/ 1,1-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2669

Error Coefficients	
Standard Error:	543000
Relative Standard Error:	6.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.124156	50.0	1153789.0	0.248312	Y
2	STD010 280-527052/14	1.0	0.306132	50.0	1161427.0	0.306132	Y
3	STD020 280-527052/15	2.0	0.540269	50.0	1150167.0	0.270135	Y
4	STD050 280-527052/16	5.0	1.378999	50.0	1128935.0	0.2758	Y
5	STD10 280-527052/17	10.0	2.545751	50.0	1157733.0	0.254575	Y
6	ICIS 280-527052/18	50.0	13.525444	50.0	1161777.0	0.270509	Y
7	STD75 280-527052/19	75.0	18.79154	50.0	1164532.0	0.250554	Y
8	STD100 280-527052/20	100.0	25.058793	50.0	1184656.0	0.250588	Y
9	STD200 280-527052/21	200.0	55.177996	50.0	1186096.0	0.27589	Y



Calibration

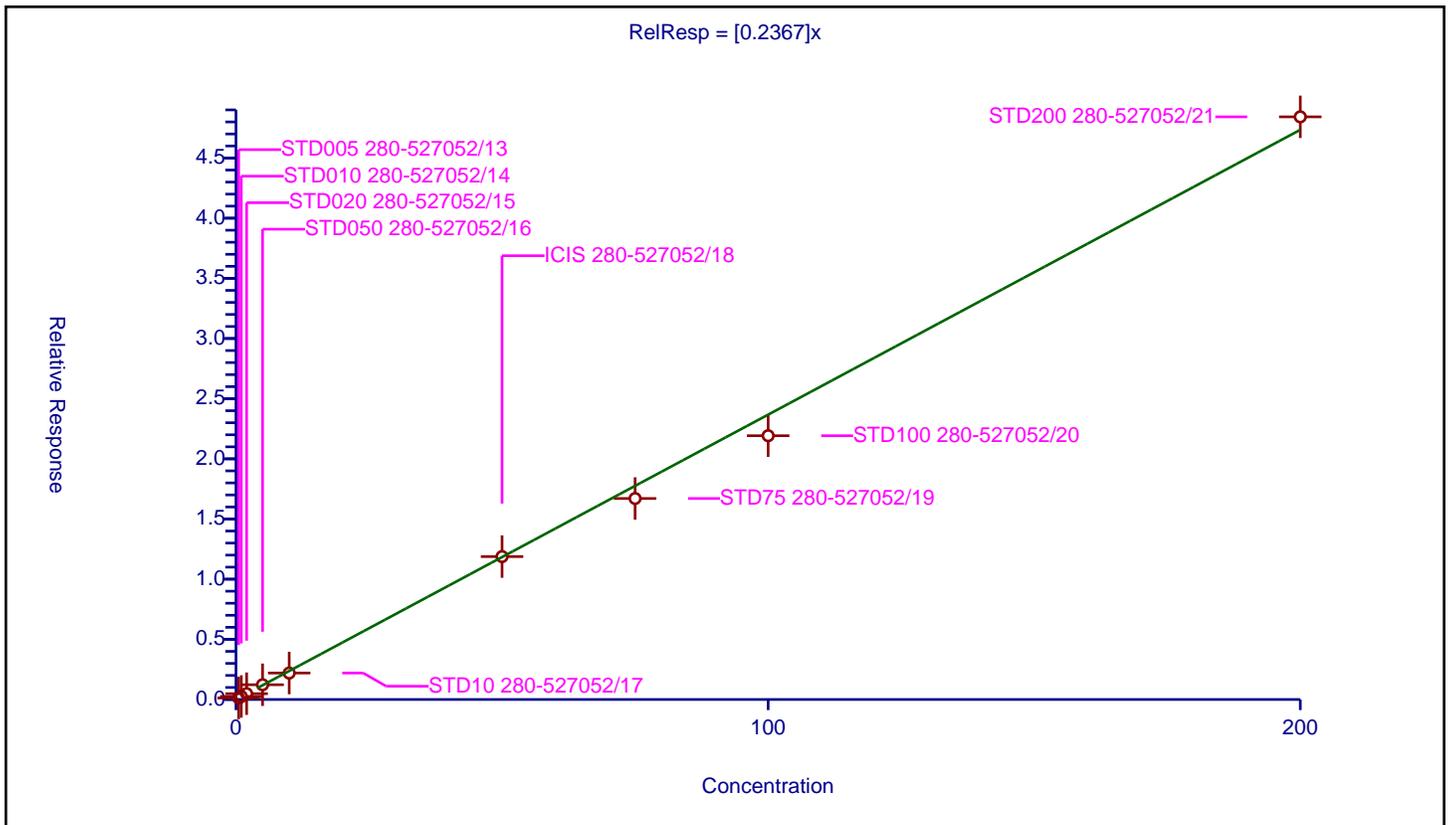
/ Carbon tetrachloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2367

Error Coefficients	
Standard Error:	477000
Relative Standard Error:	5.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.125196	50.0	1153789.0	0.250392	Y
2	STD010 280-527052/14	1.0	0.251501	50.0	1161427.0	0.251501	Y
3	STD020 280-527052/15	2.0	0.483756	50.0	1150167.0	0.241878	Y
4	STD050 280-527052/16	5.0	1.225934	50.0	1128935.0	0.245187	Y
5	STD10 280-527052/17	10.0	2.199169	50.0	1157733.0	0.219917	Y
6	ICIS 280-527052/18	50.0	11.87715	50.0	1161777.0	0.237543	Y
7	STD75 280-527052/19	75.0	16.704049	50.0	1164532.0	0.222721	Y
8	STD100 280-527052/20	100.0	21.922018	50.0	1184656.0	0.21922	Y
9	STD200 280-527052/21	200.0	48.42243	50.0	1186096.0	0.242112	Y



**Calibration**

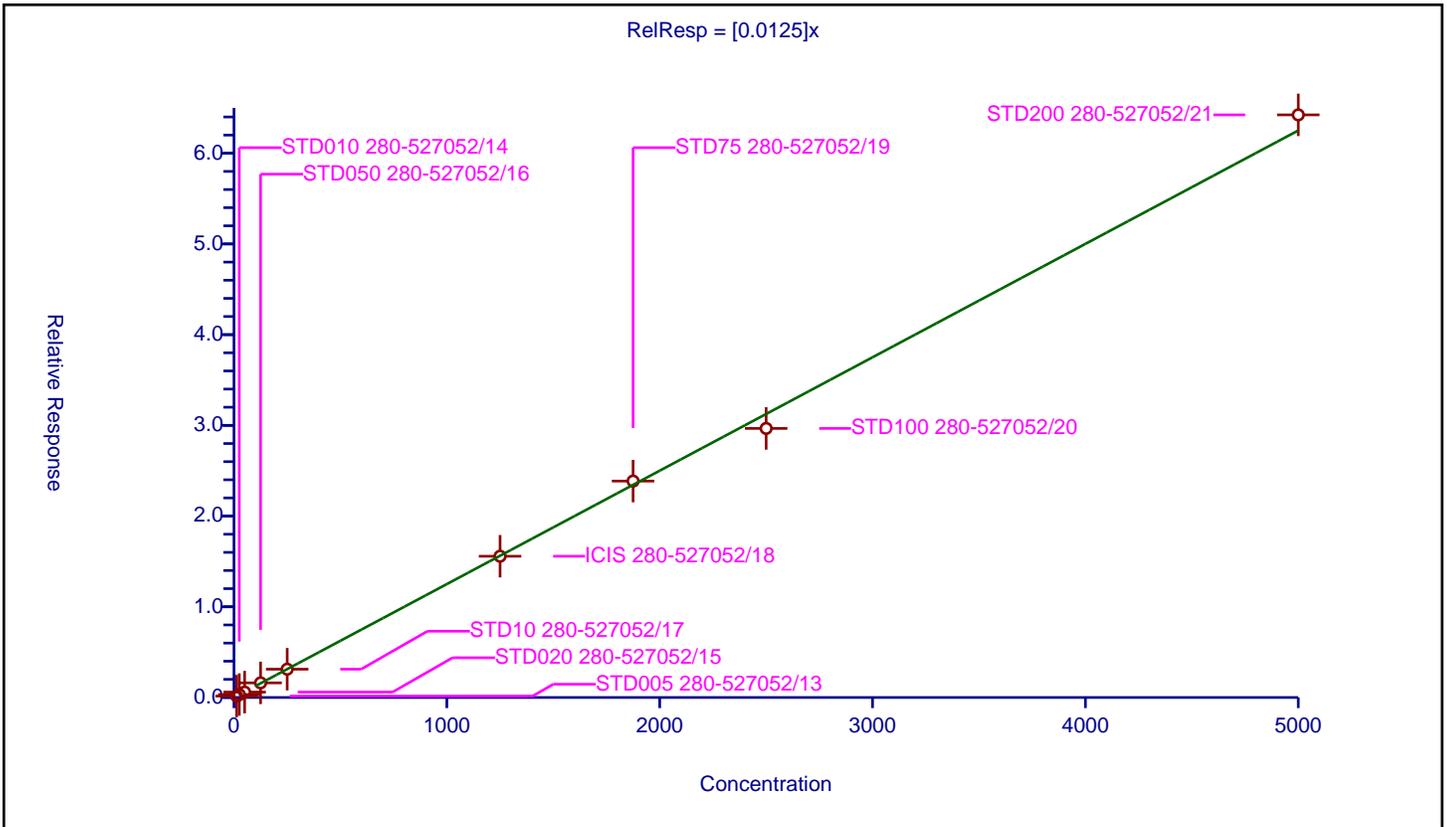
/ Isobutyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0125

Error Coefficients	
Standard Error:	639000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	12.5	0.154058	50.0	1153789.0	0.012325	Y
2	STD010 280-527052/14	25.0	0.325892	50.0	1161427.0	0.013036	Y
3	STD020 280-527052/15	50.0	0.594131	50.0	1150167.0	0.011883	Y
4	STD050 280-527052/16	125.0	1.612537	50.0	1128935.0	0.0129	Y
5	STD10 280-527052/17	250.0	3.119588	50.0	1157733.0	0.012478	Y
6	ICIS 280-527052/18	1250.0	15.572007	50.0	1161777.0	0.012458	Y
7	STD75 280-527052/19	1875.0	23.859284	50.0	1164532.0	0.012725	Y
8	STD100 280-527052/20	2500.0	29.662704	50.0	1184656.0	0.011865	Y
9	STD200 280-527052/21	5000.0	64.231099	50.0	1186096.0	0.012846	Y



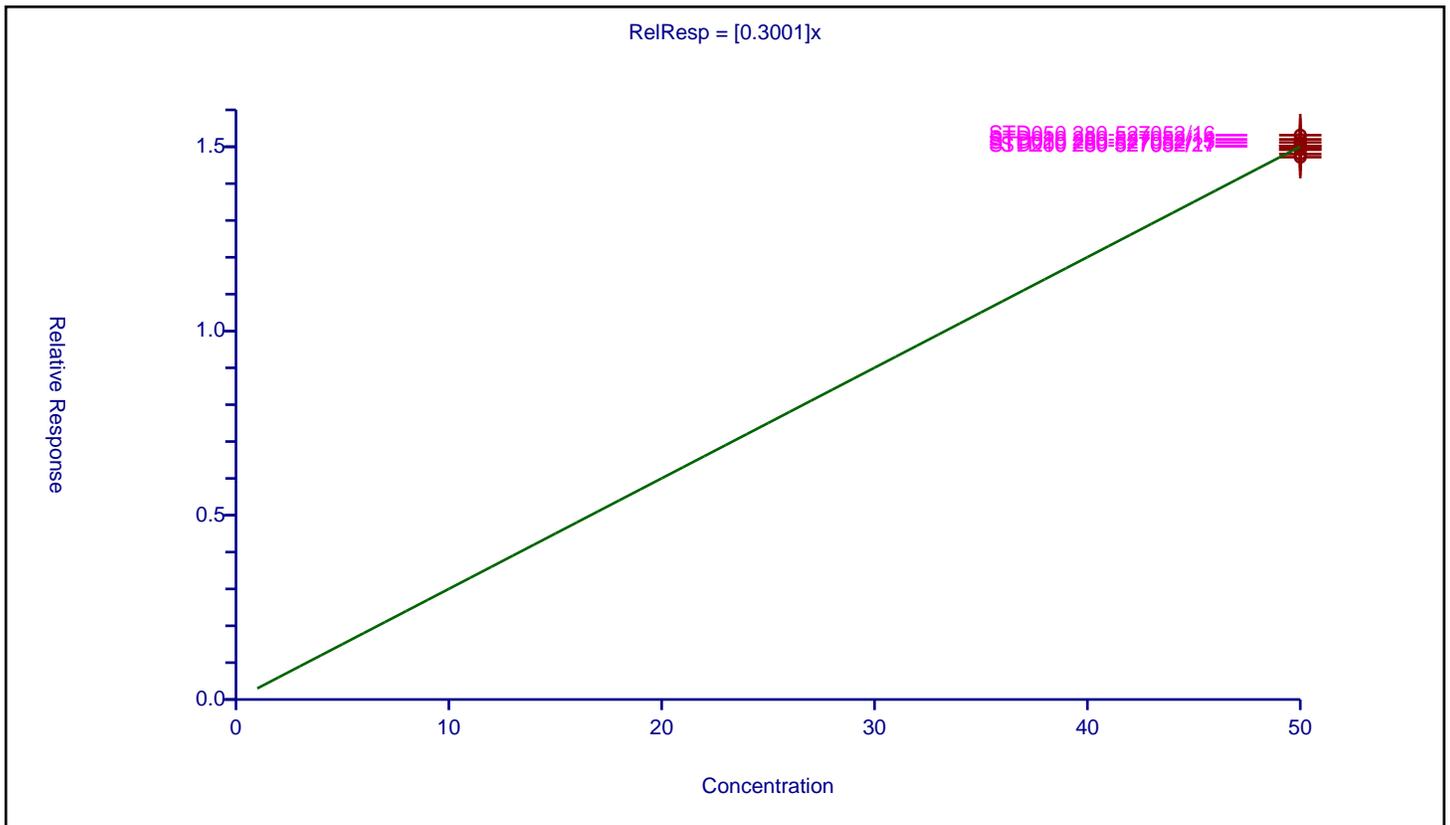
**Calibration**

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3001
Error Coefficients	
Standard Error:	370000
Relative Standard Error:	1.3
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.0000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	50.0	14.944717	50.0	1153789.0	0.298894	Y
2	STD010 280-527052/14	50.0	15.200697	50.0	1161427.0	0.304014	Y
3	STD020 280-527052/15	50.0	15.116066	50.0	1150167.0	0.302321	Y
4	STD050 280-527052/16	50.0	15.314345	50.0	1128935.0	0.306287	Y
5	STD10 280-527052/17	50.0	15.02121	50.0	1157733.0	0.300424	Y
6	ICIS 280-527052/18	50.0	14.918956	50.0	1161777.0	0.298379	Y
7	STD75 280-527052/19	50.0	14.717586	50.0	1164532.0	0.294352	Y
8	STD100 280-527052/20	50.0	14.800921	50.0	1184656.0	0.296018	Y
9	STD200 280-527052/21	50.0	15.012486	50.0	1186096.0	0.30025	Y



Calibration

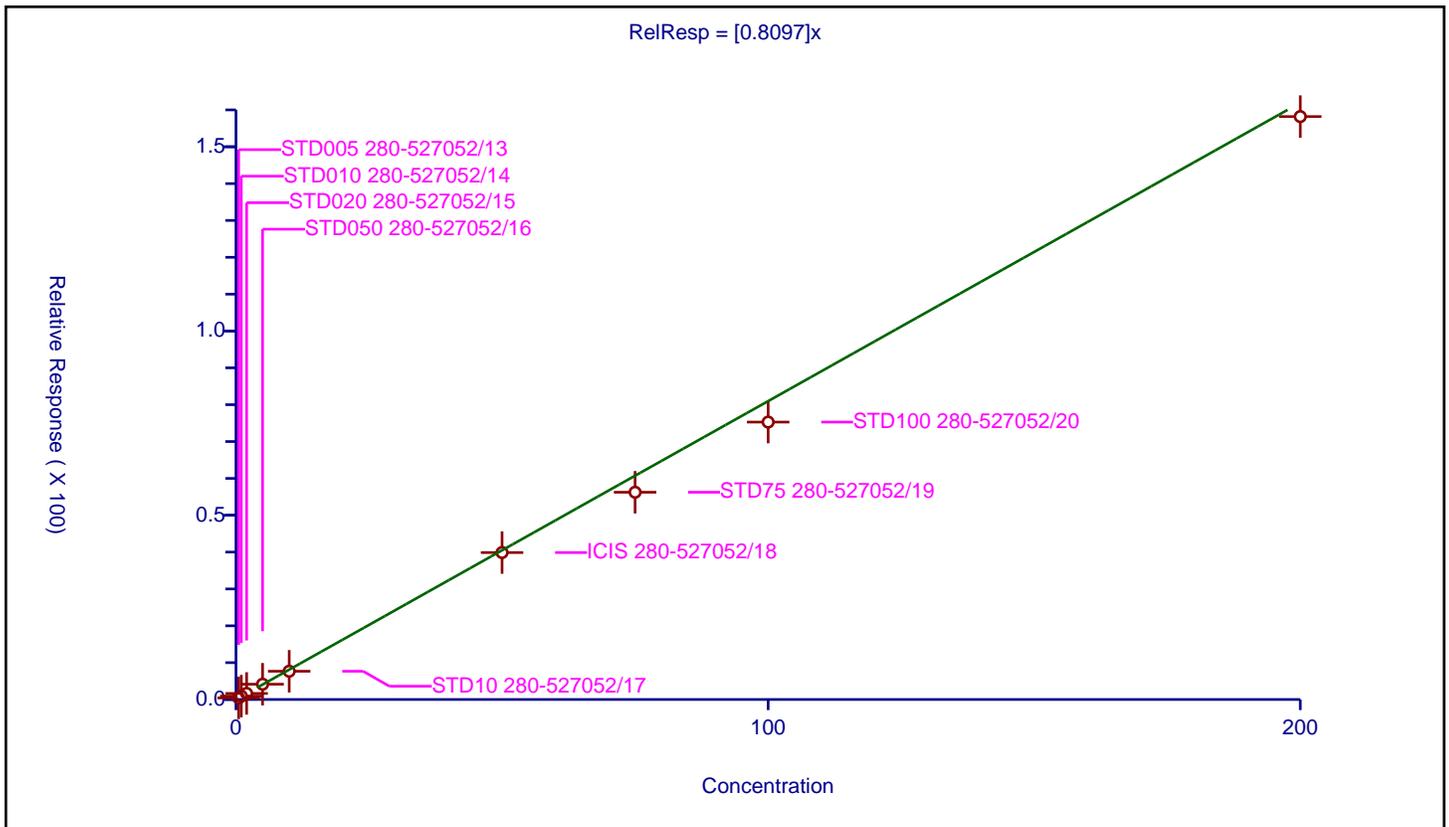
/ Benzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8097

Error Coefficients	
Standard Error:	1580000
Relative Standard Error:	6.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.426118	50.0	1153789.0	0.852236	Y
2	STD010 280-527052/14	1.0	0.925284	50.0	1161427.0	0.925284	Y
3	STD020 280-527052/15	2.0	1.644979	50.0	1150167.0	0.822489	Y
4	STD050 280-527052/16	5.0	4.14767	50.0	1128935.0	0.829534	Y
5	STD10 280-527052/17	10.0	7.66485	50.0	1157733.0	0.766485	Y
6	ICIS 280-527052/18	50.0	39.875294	50.0	1161777.0	0.797506	Y
7	STD75 280-527052/19	75.0	56.245599	50.0	1164532.0	0.749941	Y
8	STD100 280-527052/20	100.0	75.282065	50.0	1184656.0	0.752821	Y
9	STD200 280-527052/21	200.0	158.185467	50.0	1186096.0	0.790927	Y



Calibration

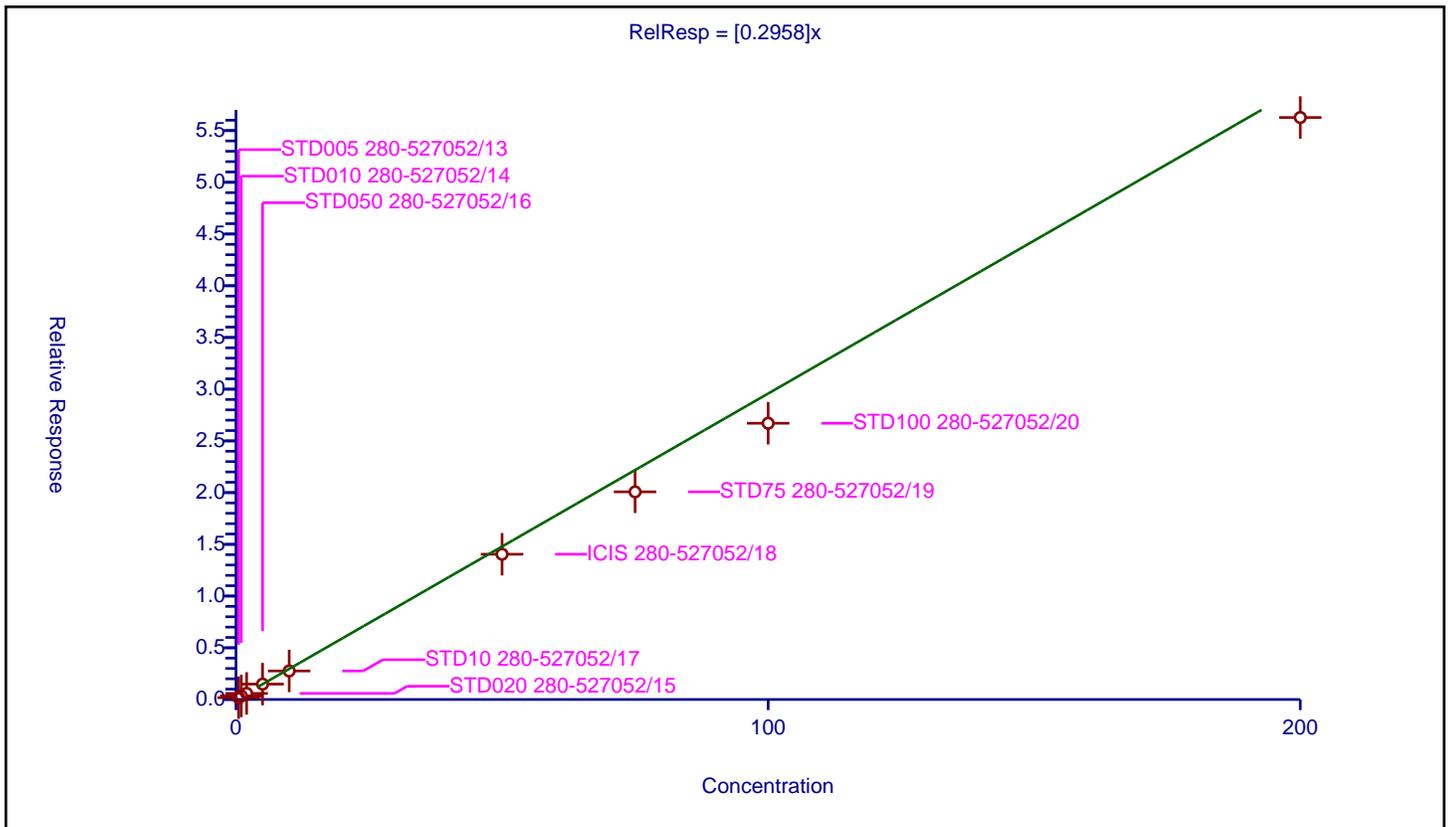
/ 1,2-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2958

Error Coefficients	
Standard Error:	560000
Relative Standard Error:	10.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.176505	50.0	1153789.0	0.353011	Y
2	STD010 280-527052/14	1.0	0.34393	50.0	1161427.0	0.34393	Y
3	STD020 280-527052/15	2.0	0.589175	50.0	1150167.0	0.294588	Y
4	STD050 280-527052/16	5.0	1.48742	50.0	1128935.0	0.297484	Y
5	STD10 280-527052/17	10.0	2.759358	50.0	1157733.0	0.275936	Y
6	ICIS 280-527052/18	50.0	14.042497	50.0	1161777.0	0.28085	Y
7	STD75 280-527052/19	75.0	20.0736	50.0	1164532.0	0.267648	Y
8	STD100 280-527052/20	100.0	26.706107	50.0	1184656.0	0.267061	Y
9	STD200 280-527052/21	200.0	56.264459	50.0	1186096.0	0.281322	Y



Calibration

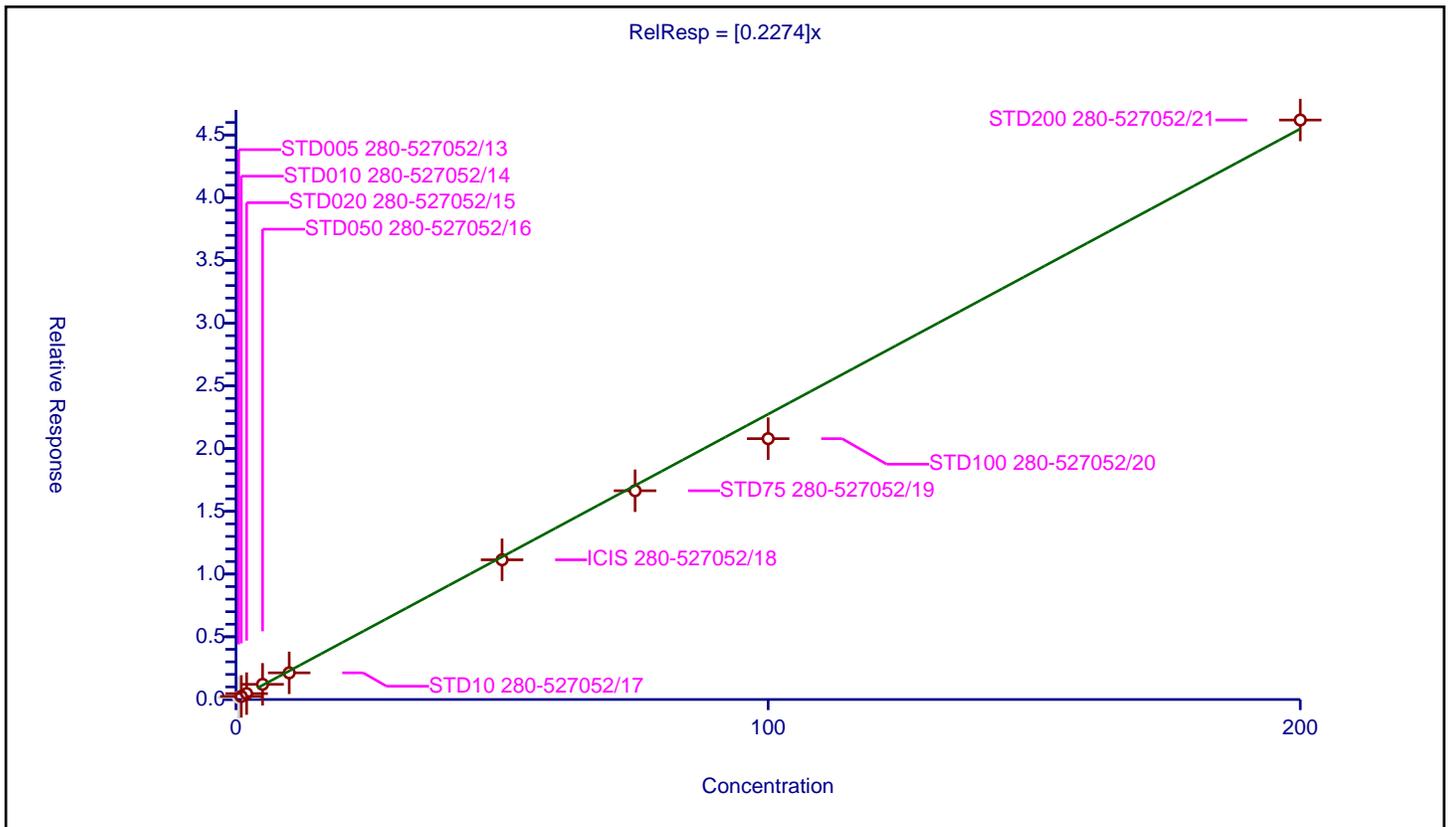
/ n-Heptane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2274

Error Coefficients	
Standard Error:	488000
Relative Standard Error:	6.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.163158	50.0	1153789.0	0.326316	N
2	STD010 280-527052/14	1.0	0.246507	50.0	1161427.0	0.246507	Y
3	STD020 280-527052/15	2.0	0.469801	50.0	1150167.0	0.234901	Y
4	STD050 280-527052/16	5.0	1.211009	50.0	1128935.0	0.242202	Y
5	STD10 280-527052/17	10.0	2.124972	50.0	1157733.0	0.212497	Y
6	ICIS 280-527052/18	50.0	11.135528	50.0	1161777.0	0.222711	Y
7	STD75 280-527052/19	75.0	16.641492	50.0	1164532.0	0.221887	Y
8	STD100 280-527052/20	100.0	20.792872	50.0	1184656.0	0.207929	Y
9	STD200 280-527052/21	200.0	46.191581	50.0	1186096.0	0.230958	Y



Calibration

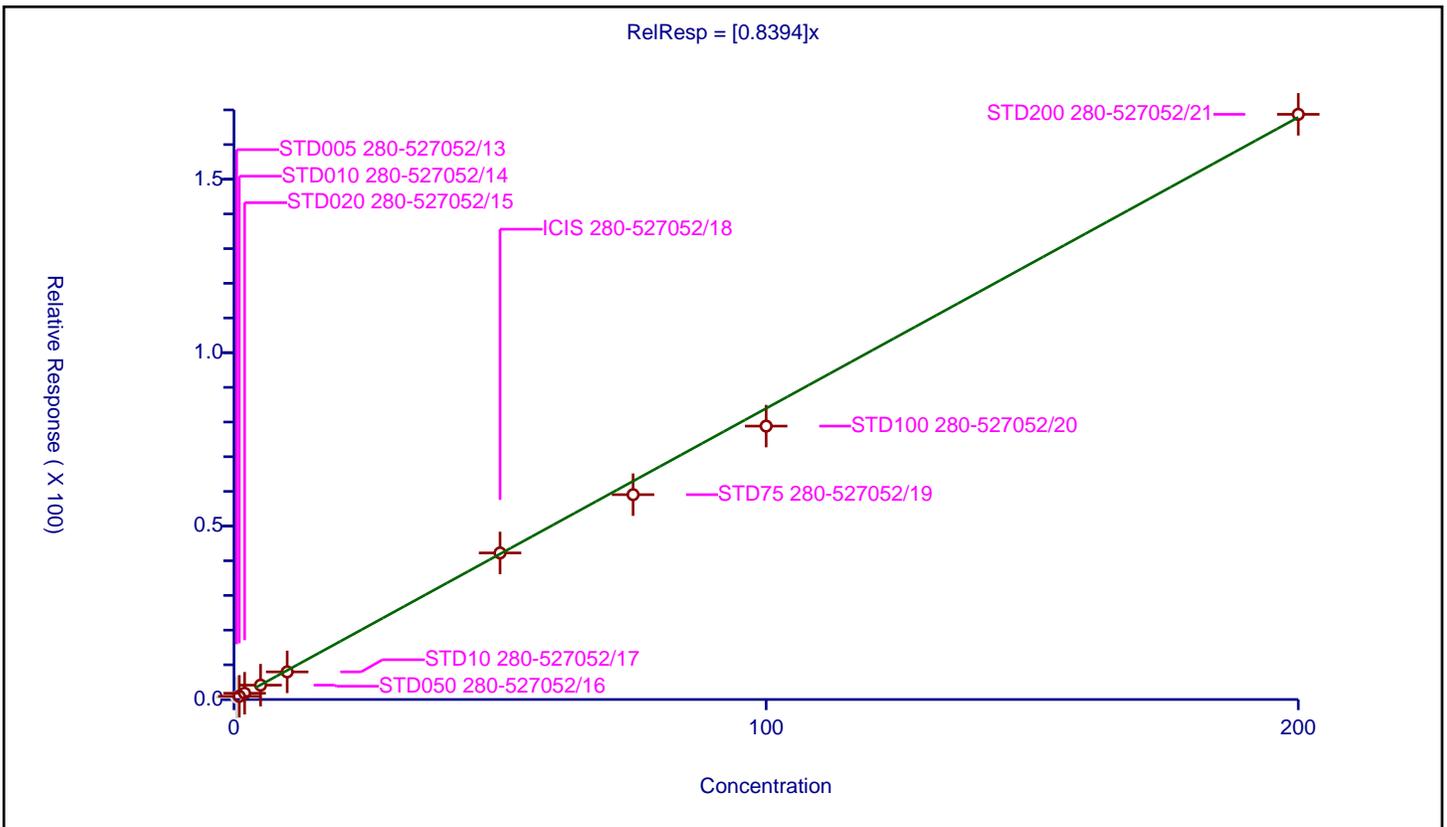
/ Trichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8394

Error Coefficients	
Standard Error:	413000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.651491	50.0	260633.0	1.302982	N
2	STD010 280-527052/14	1.0	0.923423	50.0	267429.0	0.923423	Y
3	STD020 280-527052/15	2.0	1.806989	50.0	269094.0	0.903495	Y
4	STD050 280-527052/16	5.0	4.136477	50.0	262095.0	0.827295	Y
5	STD10 280-527052/17	10.0	7.960183	50.0	266470.0	0.796018	Y
6	ICIS 280-527052/18	50.0	42.260116	50.0	265243.0	0.845202	Y
7	STD75 280-527052/19	75.0	59.062259	50.0	268923.0	0.787497	Y
8	STD100 280-527052/20	100.0	78.829775	50.0	270401.0	0.788298	Y
9	STD200 280-527052/21	200.0	168.725573	50.0	275057.0	0.843628	Y



Calibration

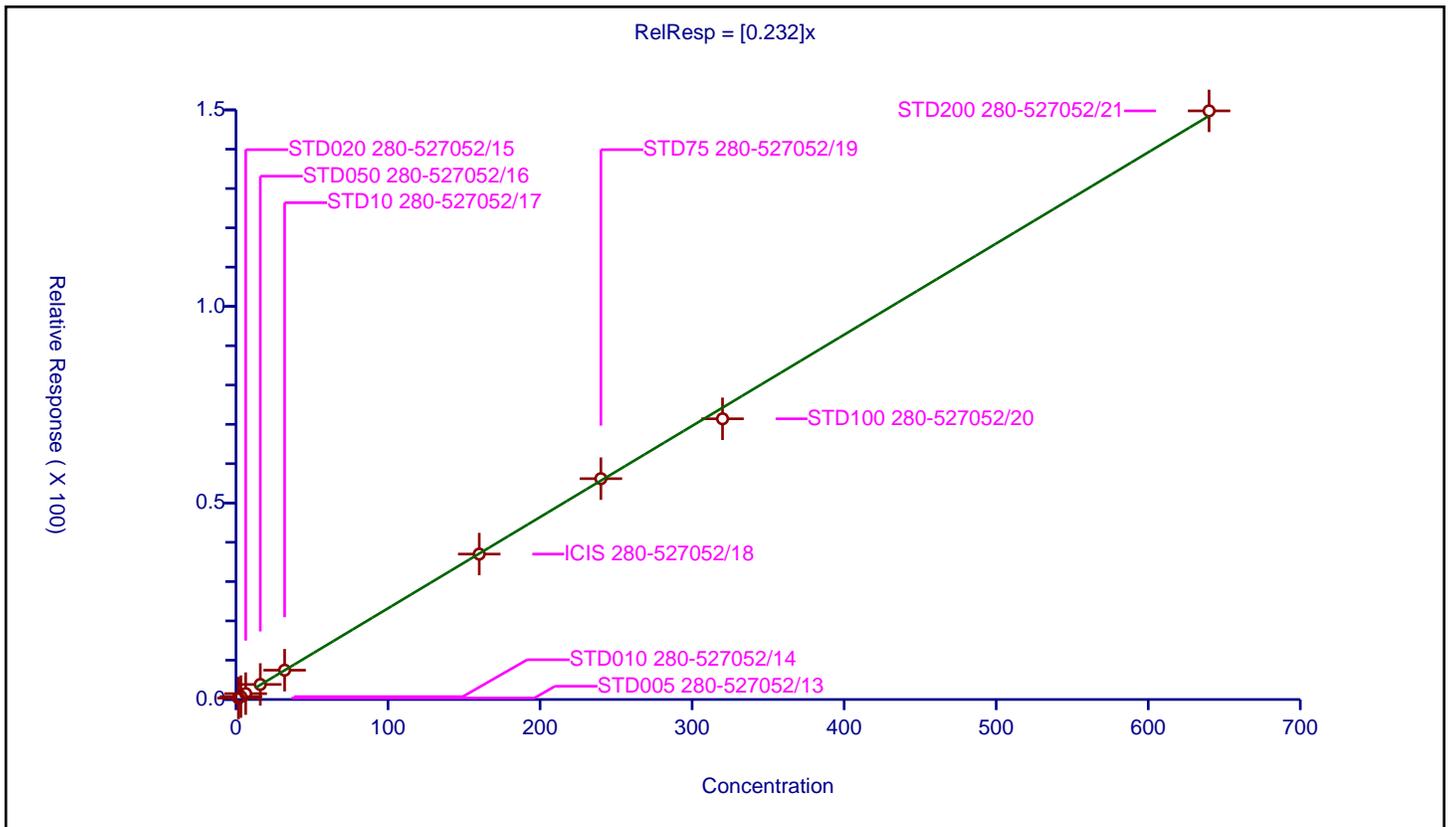
/ 2-Pentanone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.232

Error Coefficients	
Standard Error:	1500000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	1.6	0.370432	50.0	1153789.0	0.23152	Y
2	STD010 280-527052/14	3.2	0.731126	50.0	1161427.0	0.228477	Y
3	STD020 280-527052/15	6.4	1.494392	50.0	1150167.0	0.233499	Y
4	STD050 280-527052/16	16.0	3.826172	50.0	1128935.0	0.239136	Y
5	STD10 280-527052/17	32.0	7.454741	50.0	1157733.0	0.232961	Y
6	ICIS 280-527052/18	160.0	36.99716	50.0	1161777.0	0.231232	Y
7	STD75 280-527052/19	240.0	56.181153	50.0	1164532.0	0.234088	Y
8	STD100 280-527052/20	320.0	71.414276	50.0	1184656.0	0.22317	Y
9	STD200 280-527052/21	640.0	149.750357	50.0	1186096.0	0.233985	Y



Calibration

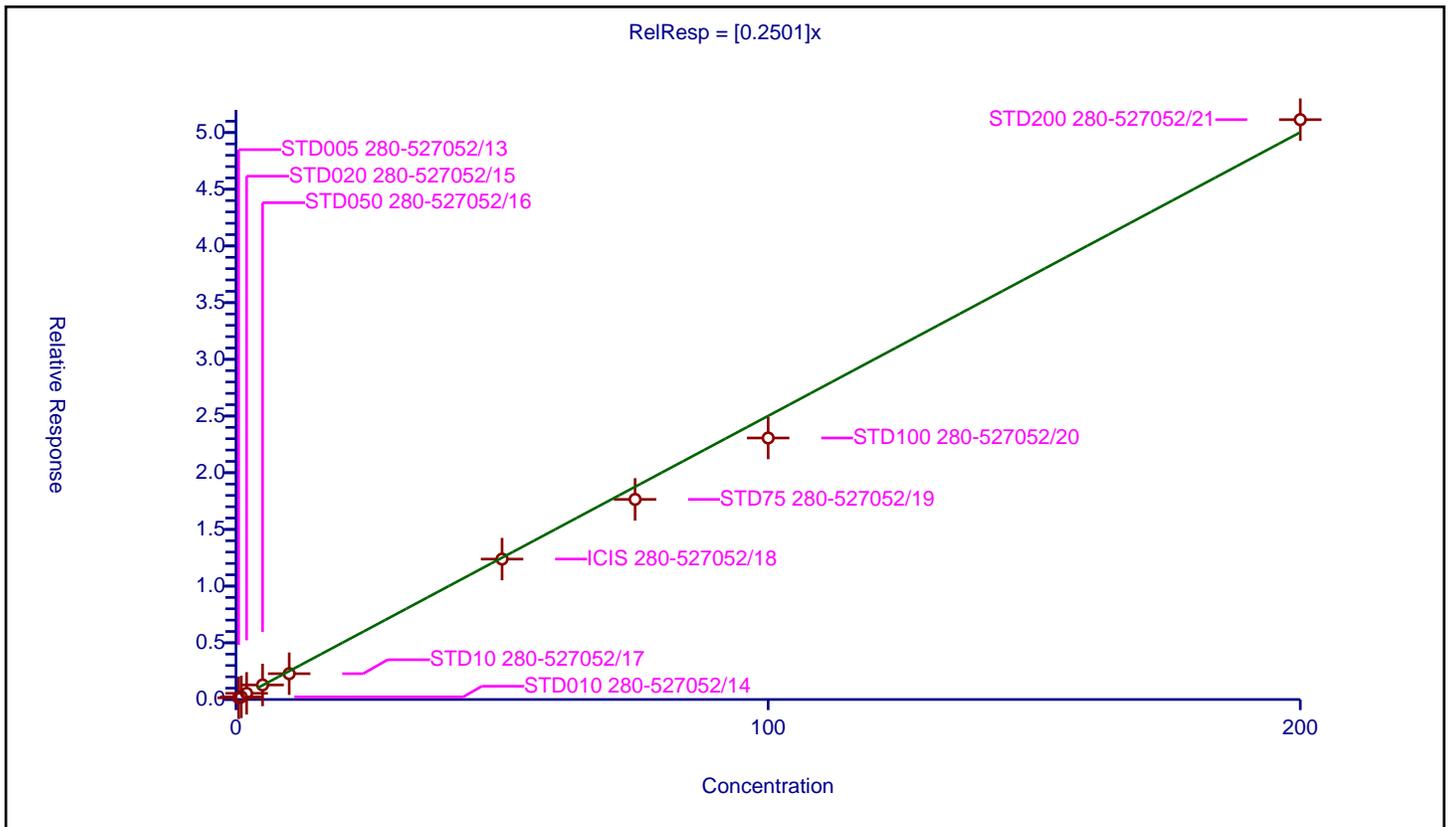
/ Methylcyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2501

Error Coefficients	
Standard Error:	503000
Relative Standard Error:	8.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.147341	50.0	1153789.0	0.294681	Y
2	STD010 280-527052/14	1.0	0.231095	50.0	1161427.0	0.231095	Y
3	STD020 280-527052/15	2.0	0.543878	50.0	1150167.0	0.271939	Y
4	STD050 280-527052/16	5.0	1.281872	50.0	1128935.0	0.256374	Y
5	STD10 280-527052/17	10.0	2.275568	50.0	1157733.0	0.227557	Y
6	ICIS 280-527052/18	50.0	12.382626	50.0	1161777.0	0.247653	Y
7	STD75 280-527052/19	75.0	17.647819	50.0	1164532.0	0.235304	Y
8	STD100 280-527052/20	100.0	23.064037	50.0	1184656.0	0.23064	Y
9	STD200 280-527052/21	200.0	51.139115	50.0	1186096.0	0.255696	Y



Calibration

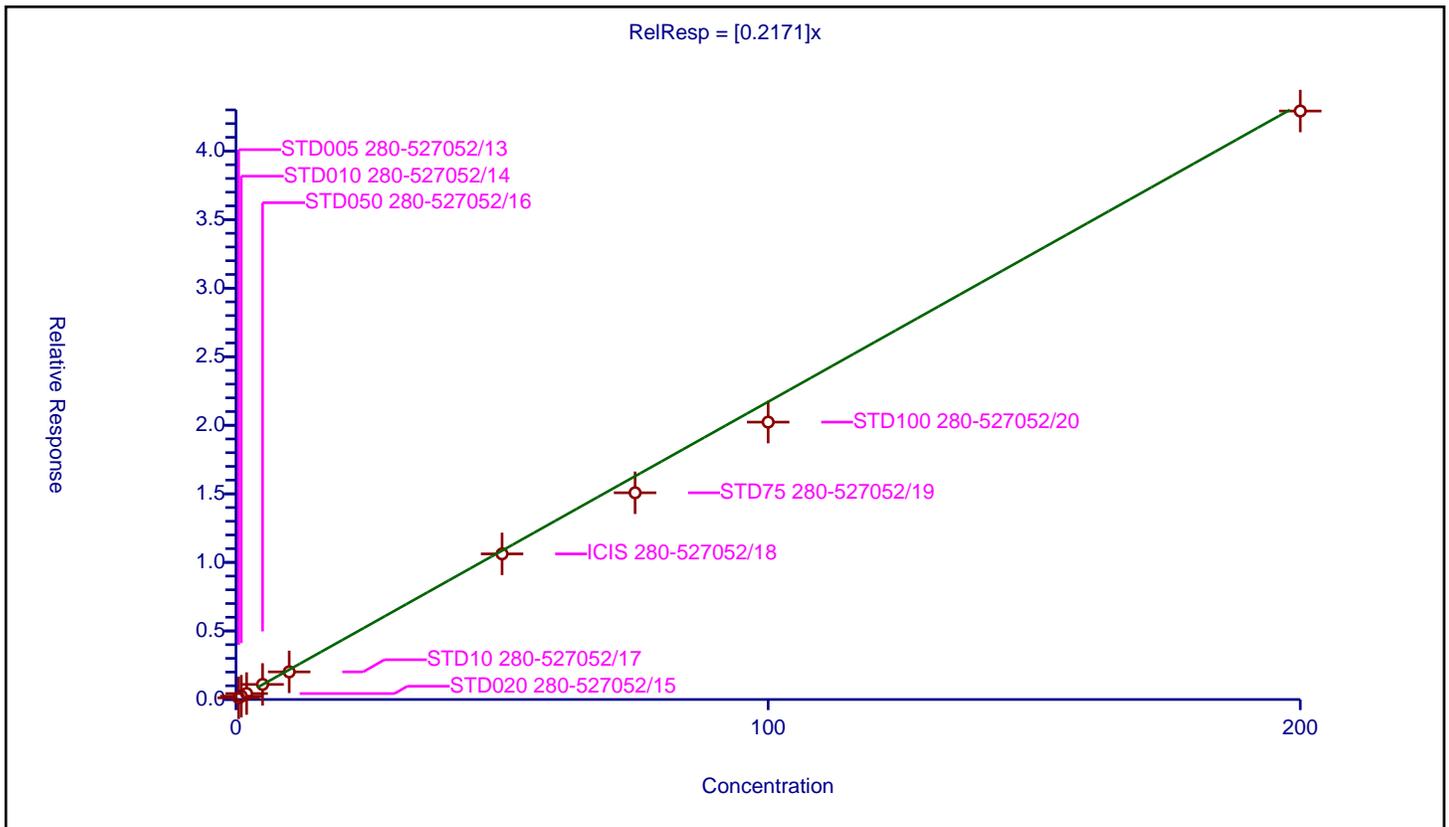
/ 1,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2171

Error Coefficients	
Standard Error:	426000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.121426	50.0	1153789.0	0.242852	Y
2	STD010 280-527052/14	1.0	0.243321	50.0	1161427.0	0.243321	Y
3	STD020 280-527052/15	2.0	0.433285	50.0	1150167.0	0.216642	Y
4	STD050 280-527052/16	5.0	1.098823	50.0	1128935.0	0.219765	Y
5	STD10 280-527052/17	10.0	2.013763	50.0	1157733.0	0.201376	Y
6	ICIS 280-527052/18	50.0	10.618303	50.0	1161777.0	0.212366	Y
7	STD75 280-527052/19	75.0	15.0764	50.0	1164532.0	0.201019	Y
8	STD100 280-527052/20	100.0	20.229121	50.0	1184656.0	0.202291	Y
9	STD200 280-527052/21	200.0	42.917099	50.0	1186096.0	0.214585	Y



Calibration

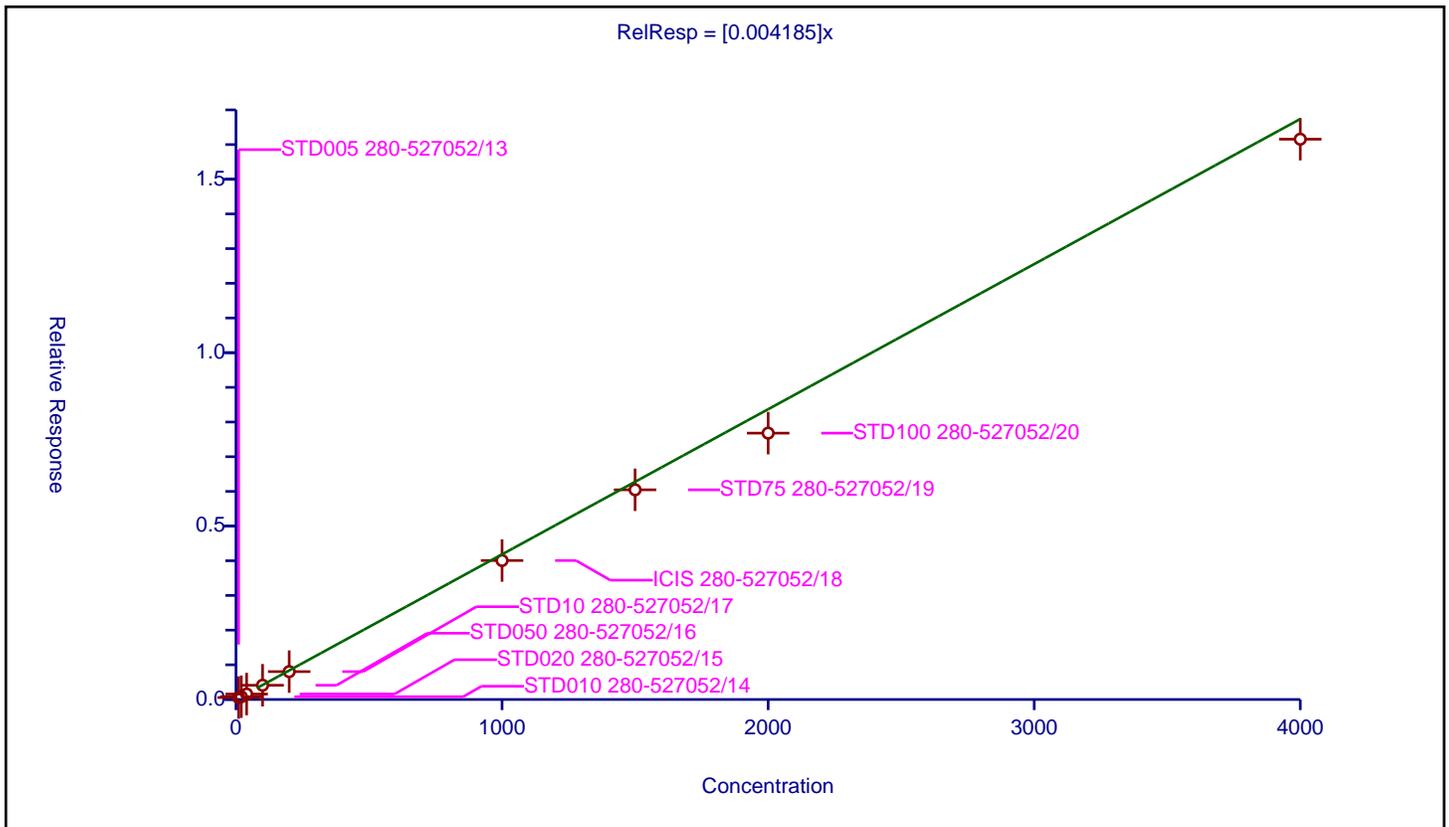
/ 1,4-Dioxane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.004185

Error Coefficients	
Standard Error:	162000
Relative Standard Error:	13.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	10.0	0.056509	50.0	1153789.0	0.005651	Y
2	STD010 280-527052/14	20.0	0.080677	50.0	1161427.0	0.004034	Y
3	STD020 280-527052/15	40.0	0.157151	50.0	1150167.0	0.003929	Y
4	STD050 280-527052/16	100.0	0.411228	50.0	1128935.0	0.004112	Y
5	STD10 280-527052/17	200.0	0.80364	50.0	1157733.0	0.004018	Y
6	ICIS 280-527052/18	1000.0	4.007094	50.0	1161777.0	0.004007	Y
7	STD75 280-527052/19	1500.0	6.045991	50.0	1164532.0	0.004031	Y
8	STD100 280-527052/20	2000.0	7.679993	50.0	1184656.0	0.00384	Y
9	STD200 280-527052/21	4000.0	16.155269	50.0	1186096.0	0.004039	Y



Calibration

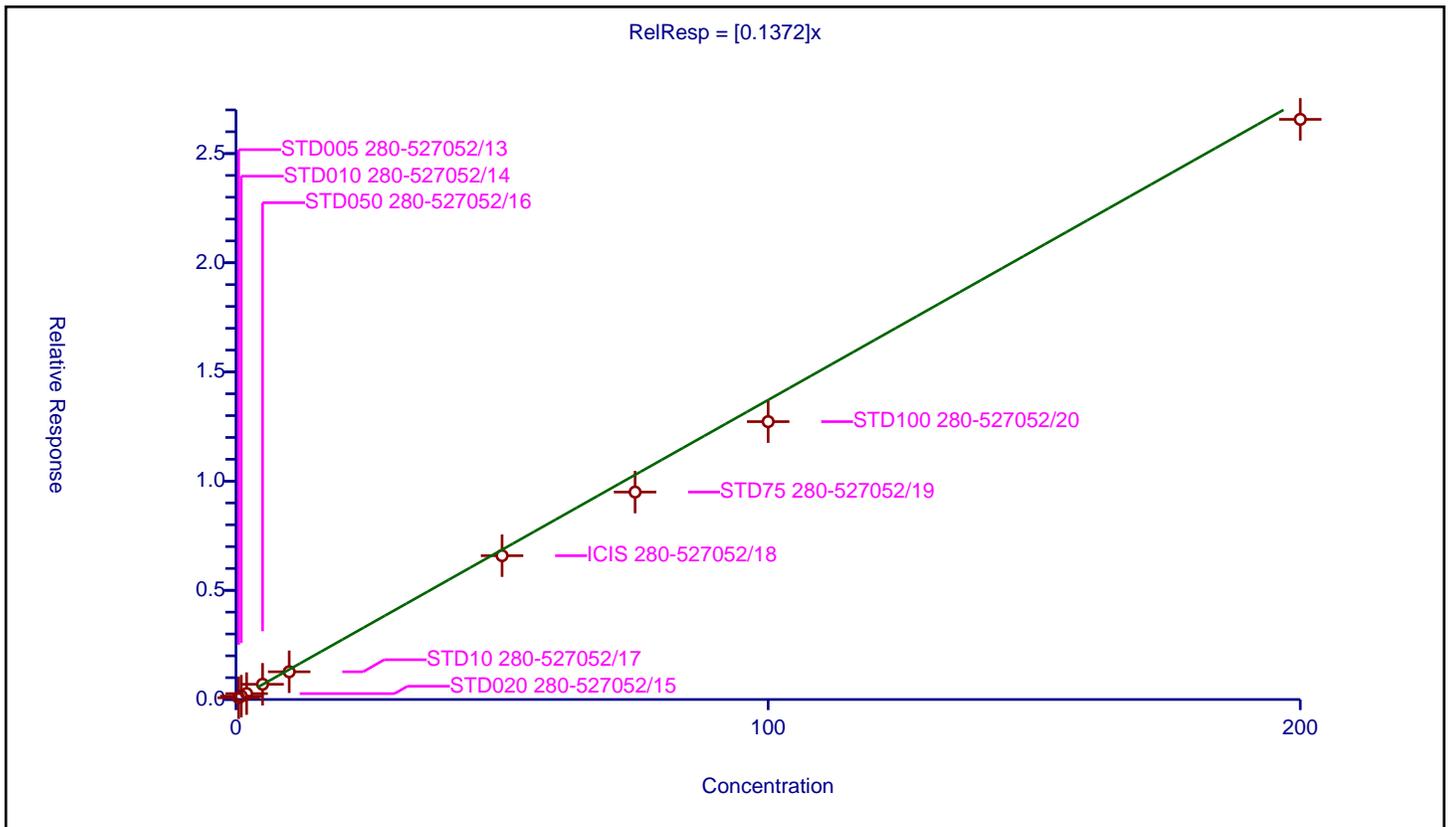
/ Dibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1372

Error Coefficients	
Standard Error:	265000
Relative Standard Error:	8.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.079911	50.0	1153789.0	0.159821	Y
2	STD010 280-527052/14	1.0	0.15481	50.0	1161427.0	0.15481	Y
3	STD020 280-527052/15	2.0	0.2697	50.0	1150167.0	0.13485	Y
4	STD050 280-527052/16	5.0	0.698003	50.0	1128935.0	0.139601	Y
5	STD10 280-527052/17	10.0	1.269507	50.0	1157733.0	0.126951	Y
6	ICIS 280-527052/18	50.0	6.585515	50.0	1161777.0	0.13171	Y
7	STD75 280-527052/19	75.0	9.49888	50.0	1164532.0	0.126652	Y
8	STD100 280-527052/20	100.0	12.725002	50.0	1184656.0	0.12725	Y
9	STD200 280-527052/21	200.0	26.566568	50.0	1186096.0	0.132833	Y



Calibration

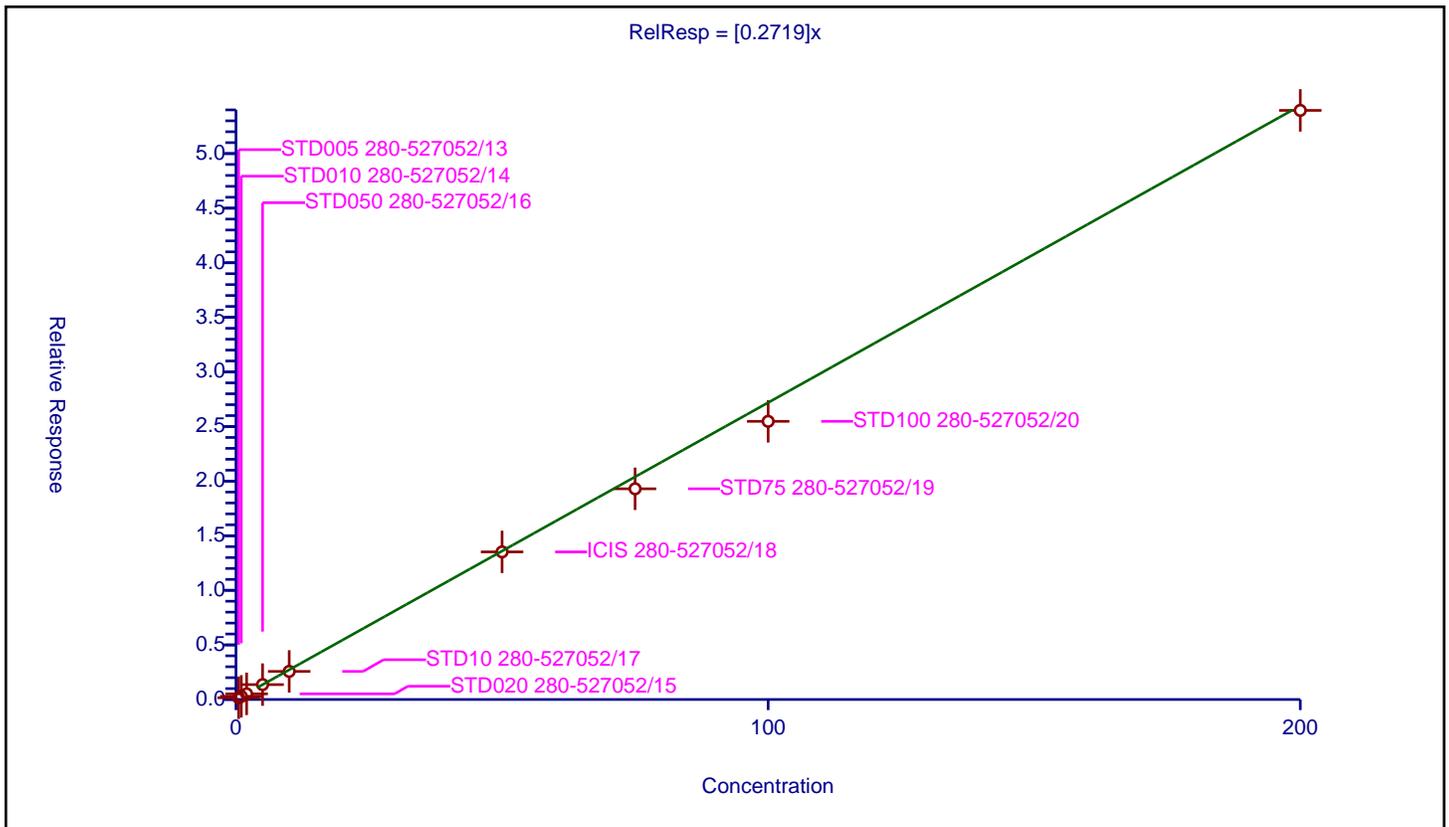
/ Dichlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2719

Error Coefficients	
Standard Error:	537000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.159648	50.0	1153789.0	0.319296	Y
2	STD010 280-527052/14	1.0	0.287362	50.0	1161427.0	0.287362	Y
3	STD020 280-527052/15	2.0	0.517012	50.0	1150167.0	0.258506	Y
4	STD050 280-527052/16	5.0	1.36239	50.0	1128935.0	0.272478	Y
5	STD10 280-527052/17	10.0	2.574039	50.0	1157733.0	0.257404	Y
6	ICIS 280-527052/18	50.0	13.518859	50.0	1161777.0	0.270377	Y
7	STD75 280-527052/19	75.0	19.296593	50.0	1164532.0	0.257288	Y
8	STD100 280-527052/20	100.0	25.475581	50.0	1184656.0	0.254756	Y
9	STD200 280-527052/21	200.0	53.953811	50.0	1186096.0	0.269769	Y



Calibration

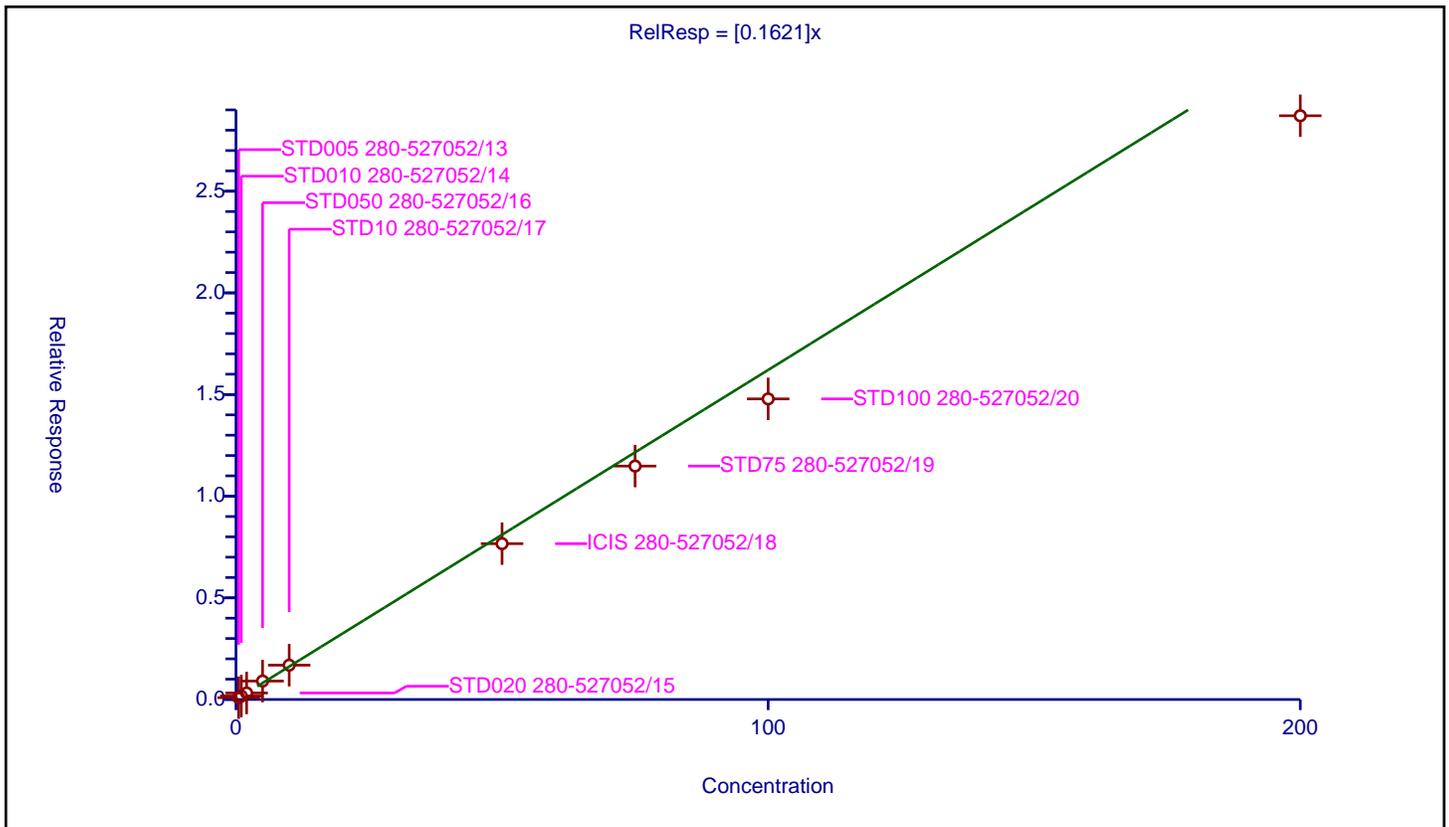
/ 2-Chloroethyl vinyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1621

Error Coefficients	
Standard Error:	294000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.089704	50.0	1153789.0	0.179409	Y
2	STD010 280-527052/14	1.0	0.171169	50.0	1161427.0	0.171169	Y
3	STD020 280-527052/15	2.0	0.320127	50.0	1150167.0	0.160064	Y
4	STD050 280-527052/16	5.0	0.90736	50.0	1128935.0	0.181472	Y
5	STD10 280-527052/17	10.0	1.688213	50.0	1157733.0	0.168821	Y
6	ICIS 280-527052/18	50.0	7.664337	50.0	1161777.0	0.153287	Y
7	STD75 280-527052/19	75.0	11.481479	50.0	1164532.0	0.153086	Y
8	STD100 280-527052/20	100.0	14.784714	50.0	1184656.0	0.147847	Y
9	STD200 280-527052/21	200.0	28.711799	50.0	1186096.0	0.143559	Y



**Calibration**

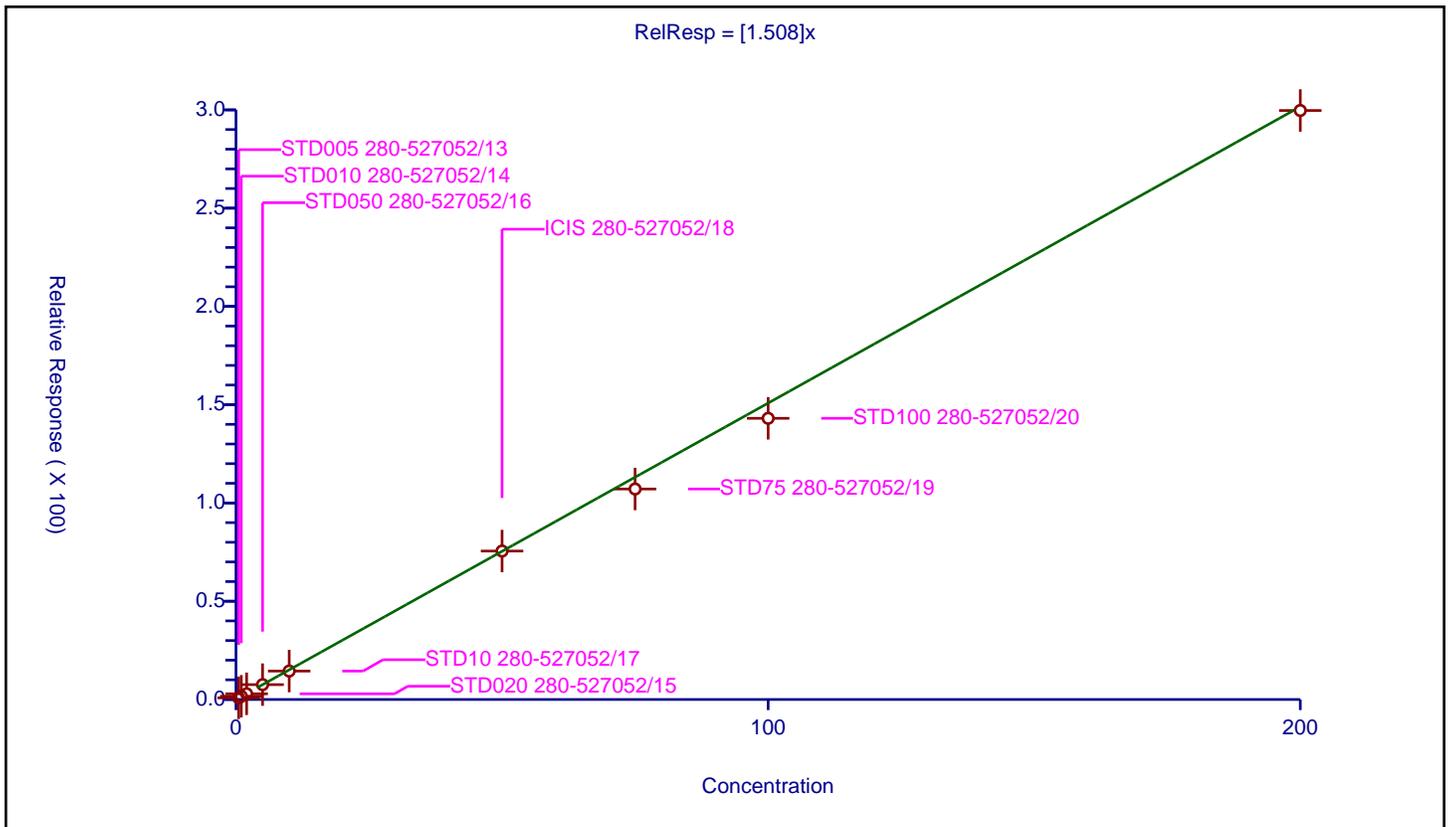
/ cis-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.508

Error Coefficients	
Standard Error:	691000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.825682	50.0	260633.0	1.651364	Y
2	STD010 280-527052/14	1.0	1.646231	50.0	267429.0	1.646231	Y
3	STD020 280-527052/15	2.0	2.895642	50.0	269094.0	1.447821	Y
4	STD050 280-527052/16	5.0	7.564433	50.0	262095.0	1.512887	Y
5	STD10 280-527052/17	10.0	14.465231	50.0	266470.0	1.446523	Y
6	ICIS 280-527052/18	50.0	75.537714	50.0	265243.0	1.510754	Y
7	STD75 280-527052/19	75.0	107.100917	50.0	268923.0	1.428012	Y
8	STD100 280-527052/20	100.0	143.0751	50.0	270401.0	1.430751	Y
9	STD200 280-527052/21	200.0	299.69061	50.0	275057.0	1.498453	Y



**Calibration**

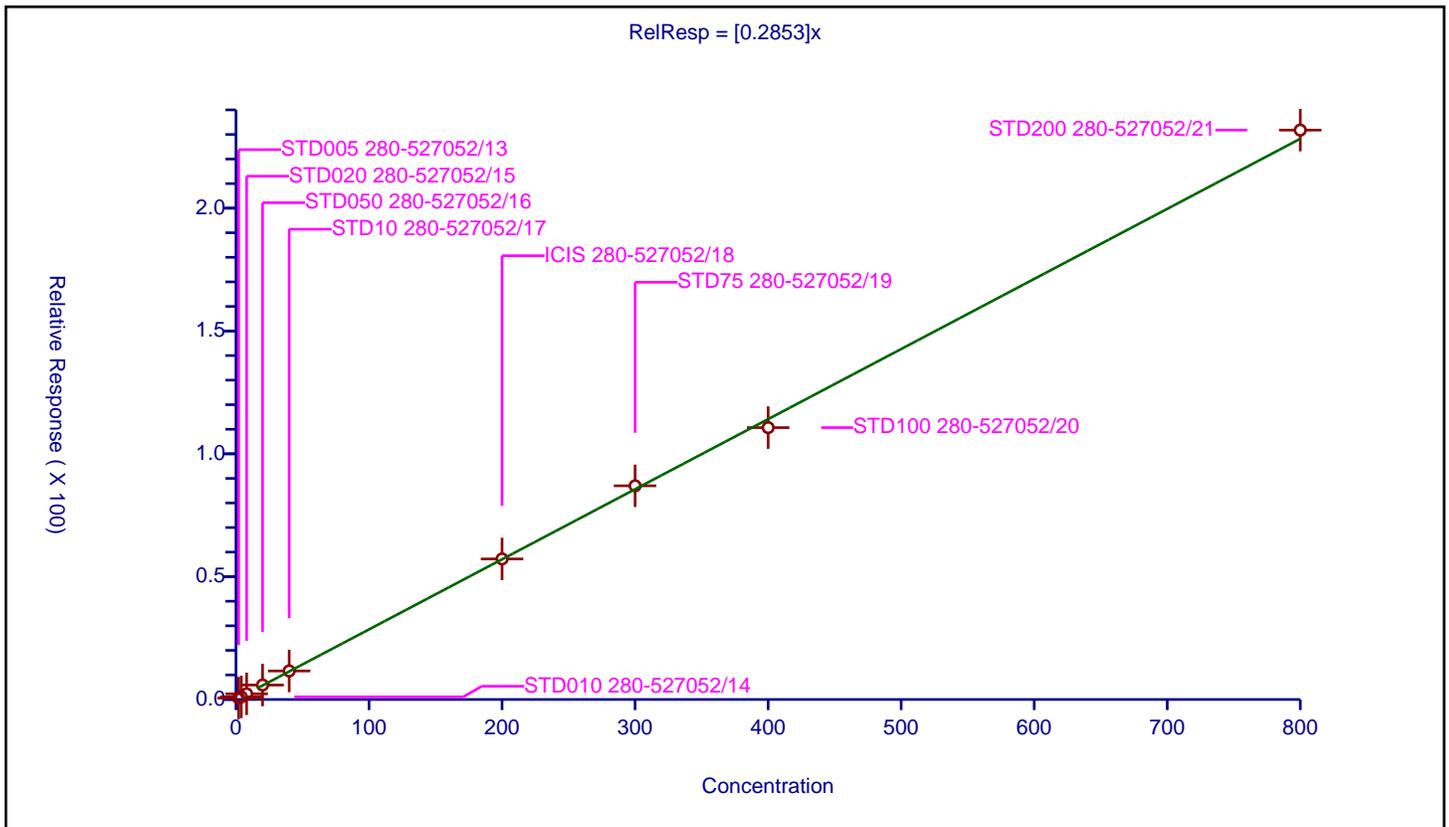
/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2853

Error Coefficients	
Standard Error:	2320000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	2.0	0.572722	50.0	1153789.0	0.286361	Y
2	STD010 280-527052/14	4.0	1.065413	50.0	1161427.0	0.266353	Y
3	STD020 280-527052/15	8.0	2.301622	50.0	1150167.0	0.287703	Y
4	STD050 280-527052/16	20.0	5.888692	50.0	1128935.0	0.294435	Y
5	STD10 280-527052/17	40.0	11.622326	50.0	1157733.0	0.290558	Y
6	ICIS 280-527052/18	200.0	57.204782	50.0	1161777.0	0.286024	Y
7	STD75 280-527052/19	300.0	86.98241	50.0	1164532.0	0.289941	Y
8	STD100 280-527052/20	400.0	110.66968	50.0	1184656.0	0.276674	Y
9	STD200 280-527052/21	800.0	231.778836	50.0	1186096.0	0.289724	Y



**Calibration**

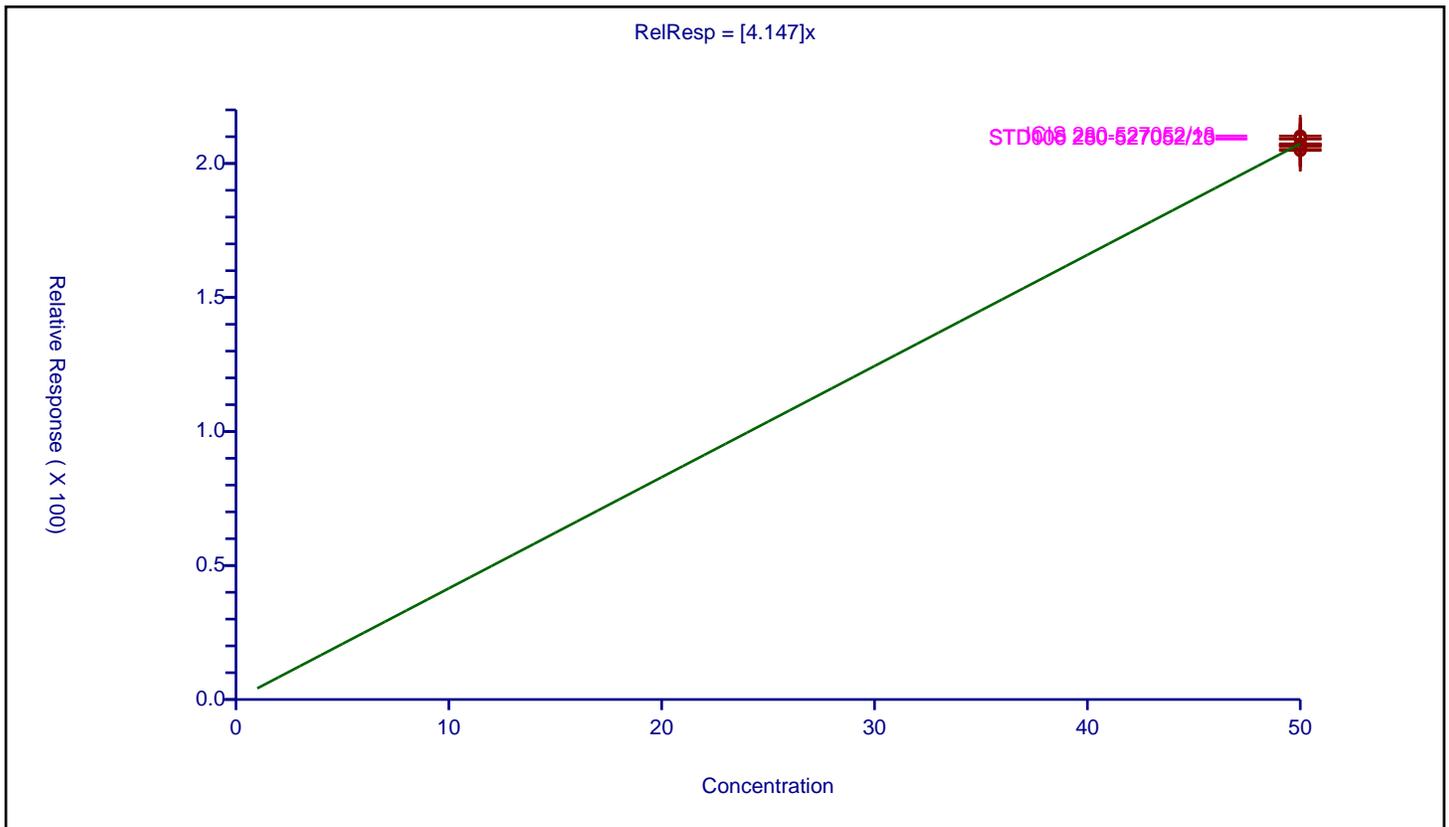
/ Toluene-d8 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.147

Error Coefficients	
Standard Error:	1180000
Relative Standard Error:	0.9
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	50.0	209.188975	50.0	260633.0	4.183779	Y
2	STD010 280-527052/14	50.0	205.271119	50.0	267429.0	4.105422	Y
3	STD020 280-527052/15	50.0	204.859826	50.0	269094.0	4.097197	Y
4	STD050 280-527052/16	50.0	206.456628	50.0	262095.0	4.129133	Y
5	STD10 280-527052/17	50.0	207.345292	50.0	266470.0	4.146906	Y
6	ICIS 280-527052/18	50.0	210.262288	50.0	265243.0	4.205246	Y
7	STD75 280-527052/19	50.0	206.968166	50.0	268923.0	4.139363	Y
8	STD100 280-527052/20	50.0	209.192828	50.0	270401.0	4.183857	Y
9	STD200 280-527052/21	50.0	206.817314	50.0	275057.0	4.136346	Y



**Calibration**

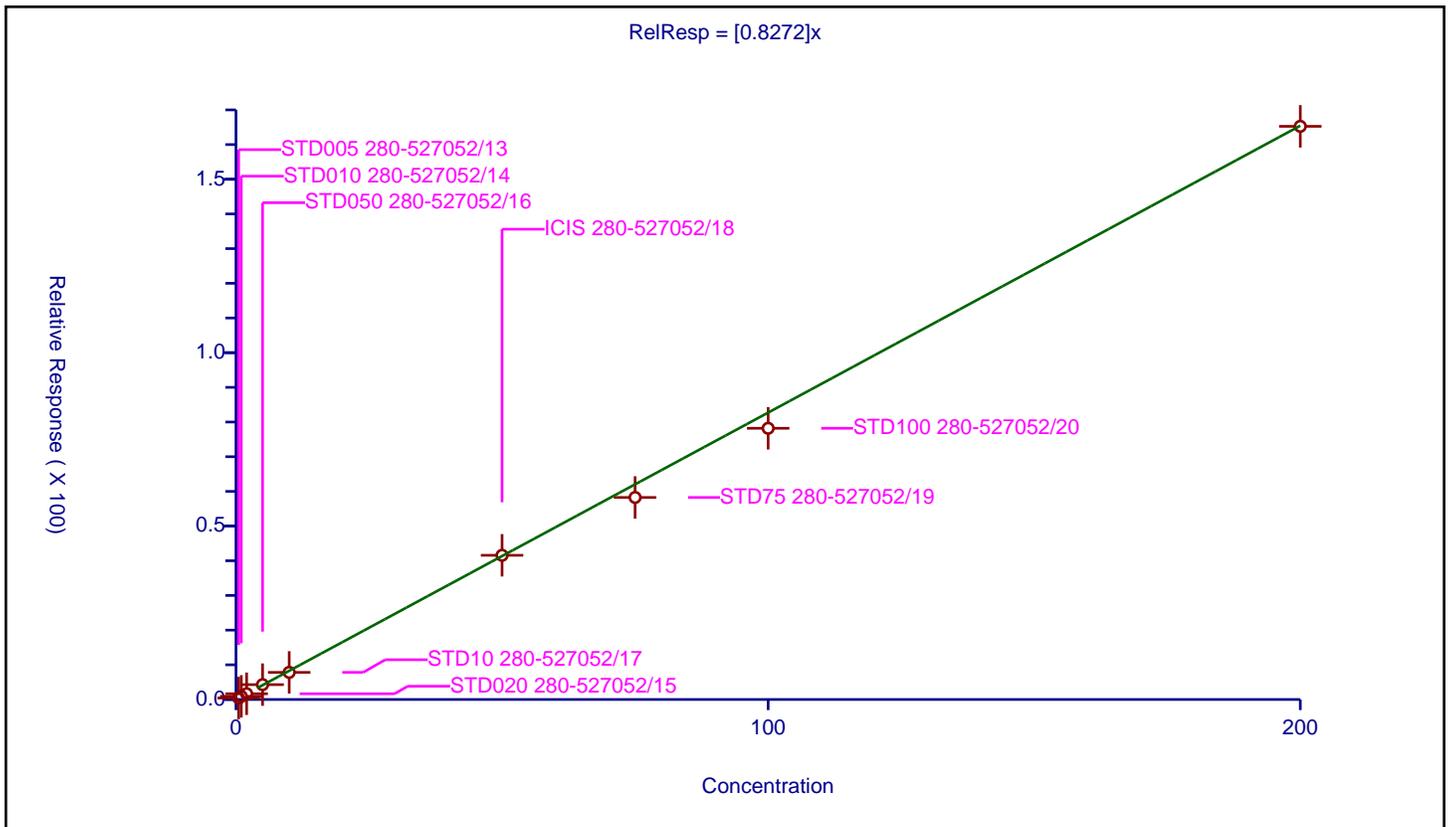
/ Toluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8272

Error Coefficients	
Standard Error:	1640000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.426508	50.0	1153789.0	0.853016	Y
2	STD010 280-527052/14	1.0	0.909614	50.0	1161427.0	0.909614	Y
3	STD020 280-527052/15	2.0	1.653673	50.0	1150167.0	0.826836	Y
4	STD050 280-527052/16	5.0	4.281779	50.0	1128935.0	0.856356	Y
5	STD10 280-527052/17	10.0	7.820715	50.0	1157733.0	0.782072	Y
6	ICIS 280-527052/18	50.0	41.577902	50.0	1161777.0	0.831558	Y
7	STD75 280-527052/19	75.0	58.253745	50.0	1164532.0	0.776717	Y
8	STD100 280-527052/20	100.0	78.199621	50.0	1184656.0	0.781996	Y
9	STD200 280-527052/21	200.0	165.256649	50.0	1186096.0	0.826283	Y



Calibration

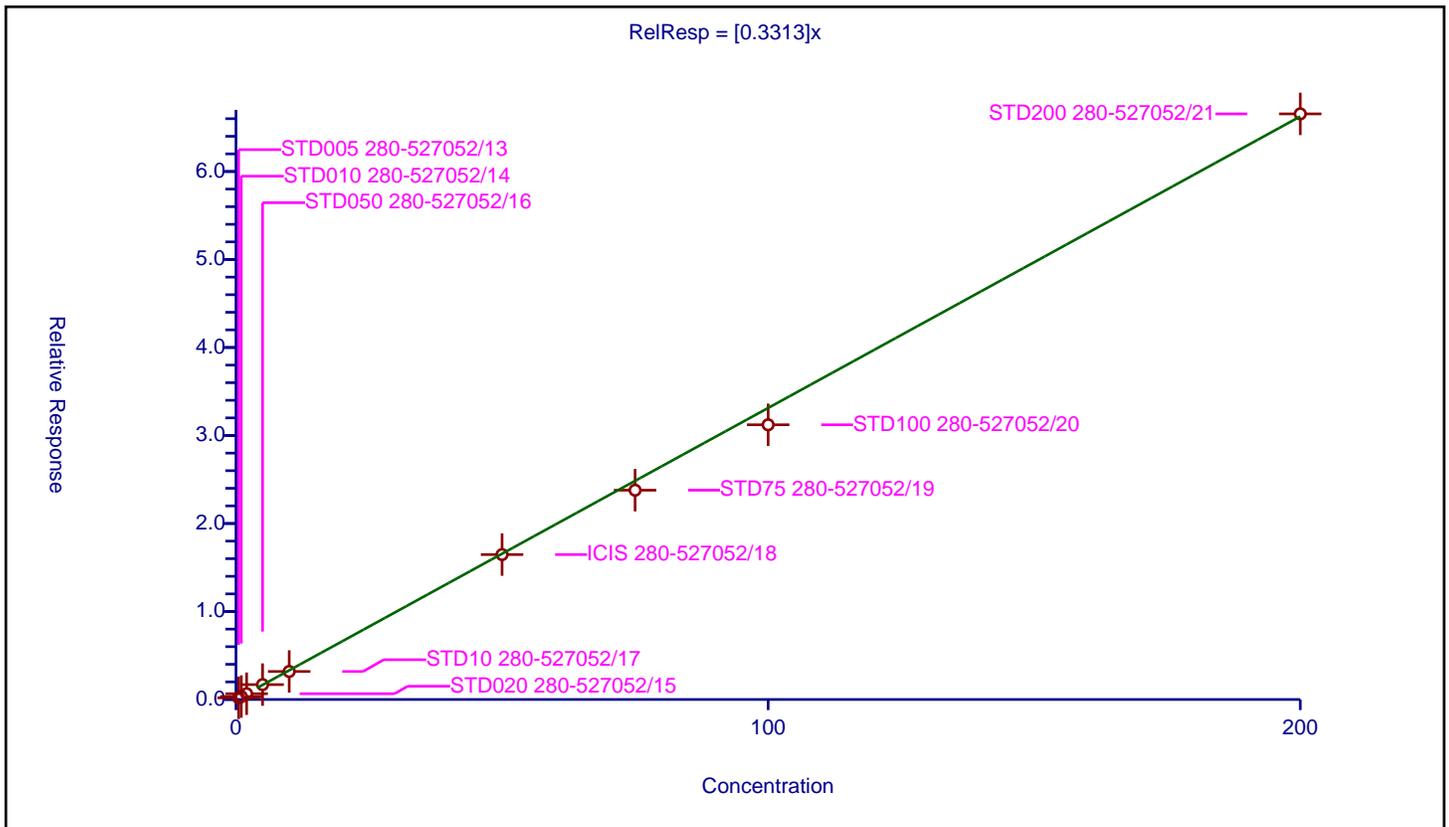
/ trans-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3313

Error Coefficients	
Standard Error:	661000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.187166	50.0	1153789.0	0.374332	Y
2	STD010 280-527052/14	1.0	0.331704	50.0	1161427.0	0.331704	Y
3	STD020 280-527052/15	2.0	0.654557	50.0	1150167.0	0.327279	Y
4	STD050 280-527052/16	5.0	1.692037	50.0	1128935.0	0.338407	Y
5	STD10 280-527052/17	10.0	3.184197	50.0	1157733.0	0.31842	Y
6	ICIS 280-527052/18	50.0	16.467575	50.0	1161777.0	0.329352	Y
7	STD75 280-527052/19	75.0	23.78273	50.0	1164532.0	0.317103	Y
8	STD100 280-527052/20	100.0	31.215897	50.0	1184656.0	0.312159	Y
9	STD200 280-527052/21	200.0	66.546763	50.0	1186096.0	0.332734	Y



Calibration

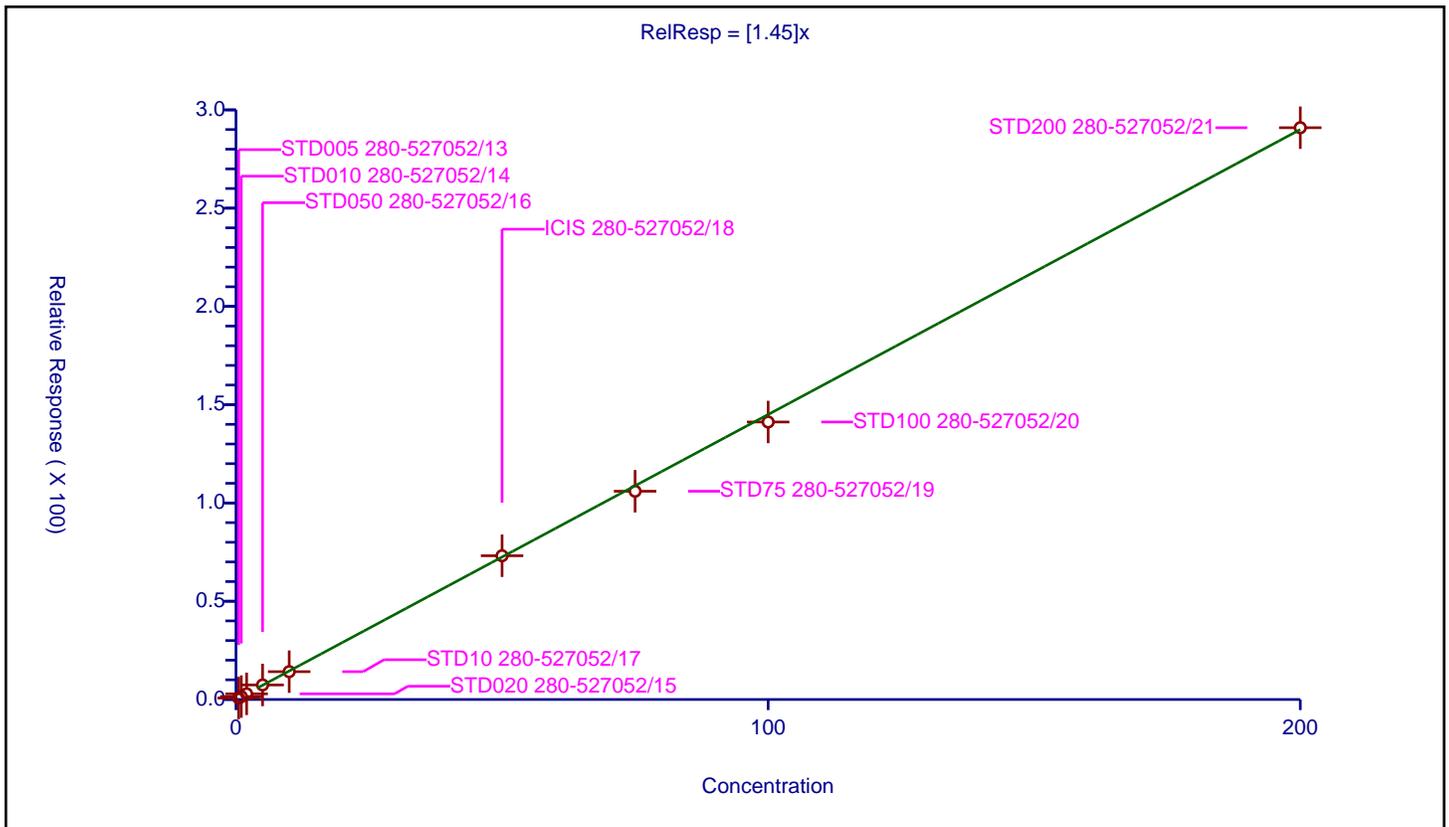
/ Ethyl methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.45

Error Coefficients	
Standard Error:	673000
Relative Standard Error:	2.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.73897	50.0	260633.0	1.47794	Y
2	STD010 280-527052/14	1.0	1.496472	50.0	267429.0	1.496472	Y
3	STD020 280-527052/15	2.0	2.875018	50.0	269094.0	1.437509	Y
4	STD050 280-527052/16	5.0	7.401705	50.0	262095.0	1.480341	Y
5	STD10 280-527052/17	10.0	14.160506	50.0	266470.0	1.416051	Y
6	ICIS 280-527052/18	50.0	73.136897	50.0	265243.0	1.462738	Y
7	STD75 280-527052/19	75.0	105.961744	50.0	268923.0	1.412823	Y
8	STD100 280-527052/20	100.0	141.195484	50.0	270401.0	1.411955	Y
9	STD200 280-527052/21	200.0	290.934061	50.0	275057.0	1.45467	Y



Calibration

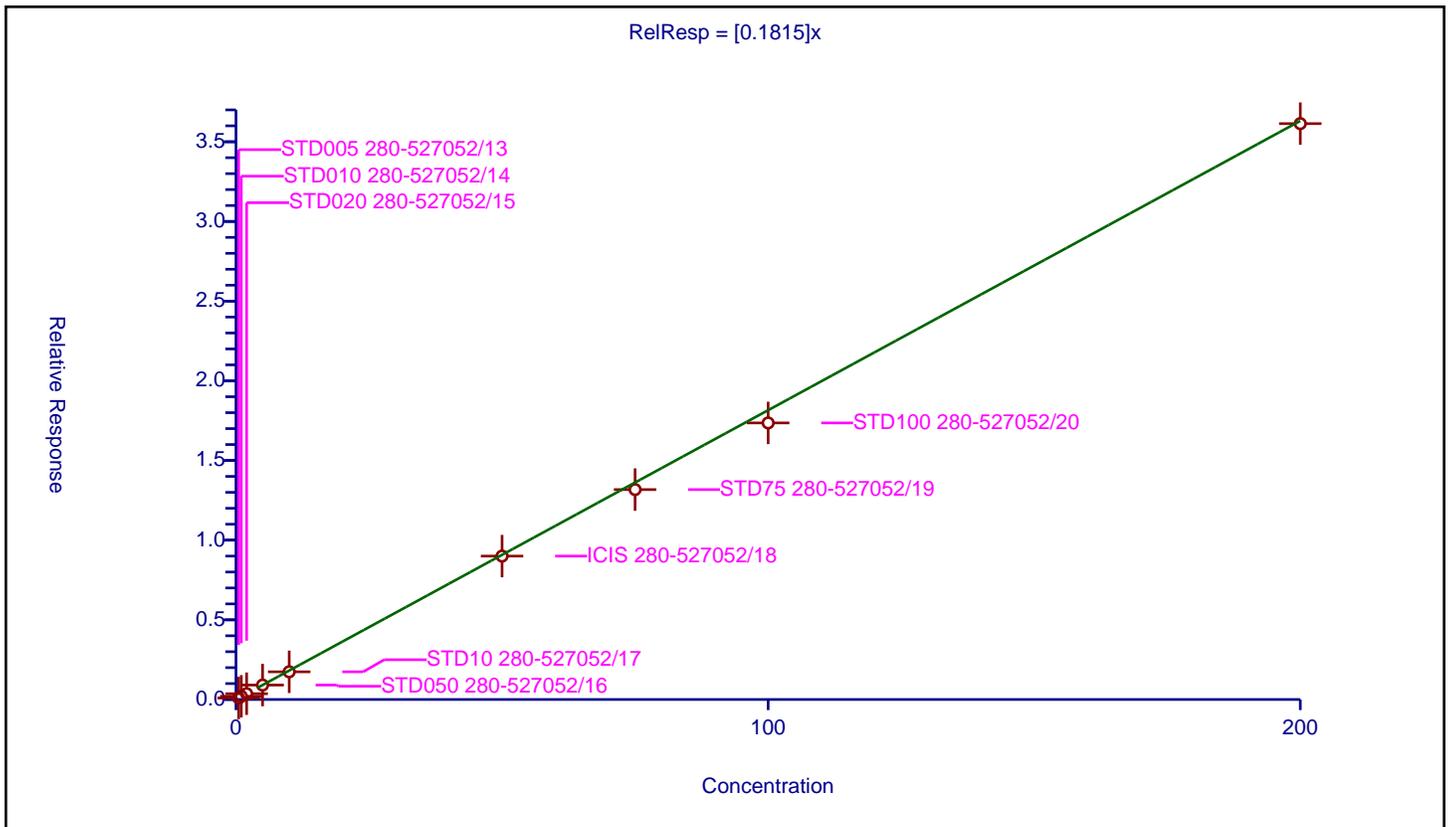
/ 1,1,2-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1815

Error Coefficients	
Standard Error:	361000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.093821	50.0	1153789.0	0.187643	Y
2	STD010 280-527052/14	1.0	0.199711	50.0	1161427.0	0.199711	Y
3	STD020 280-527052/15	2.0	0.363469	50.0	1150167.0	0.181734	Y
4	STD050 280-527052/16	5.0	0.905677	50.0	1128935.0	0.181135	Y
5	STD10 280-527052/17	10.0	1.738656	50.0	1157733.0	0.173866	Y
6	ICIS 280-527052/18	50.0	8.998586	50.0	1161777.0	0.179972	Y
7	STD75 280-527052/19	75.0	13.172244	50.0	1164532.0	0.17563	Y
8	STD100 280-527052/20	100.0	17.355291	50.0	1184656.0	0.173553	Y
9	STD200 280-527052/21	200.0	36.138601	50.0	1186096.0	0.180693	Y



**Calibration**

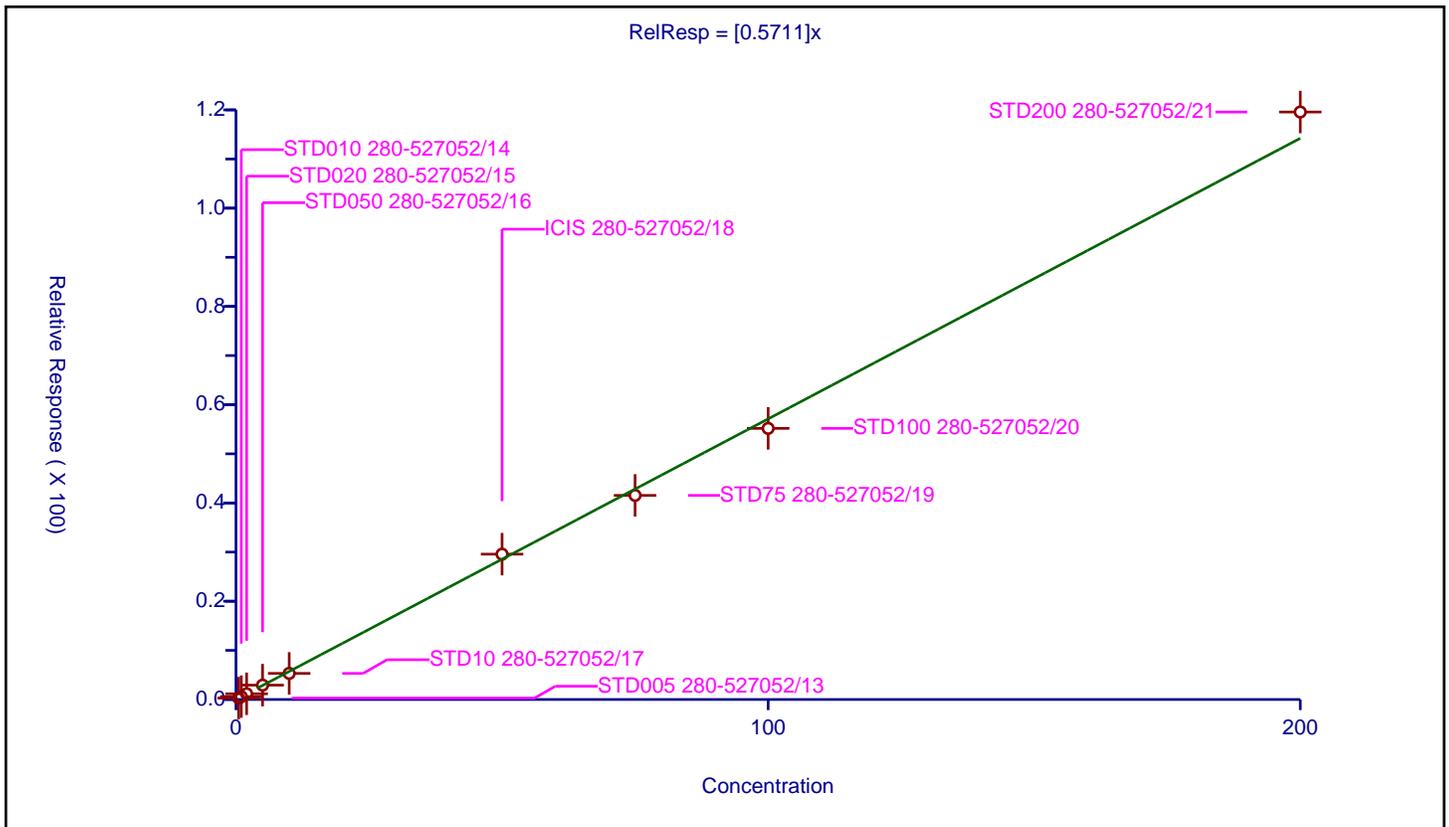
/ Tetrachloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5711

Error Coefficients	
Standard Error:	273000
Relative Standard Error:	3.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.282389	50.0	260633.0	0.564779	Y
2	STD010 280-527052/14	1.0	0.582958	50.0	267429.0	0.582958	Y
3	STD020 280-527052/15	2.0	1.163534	50.0	269094.0	0.581767	Y
4	STD050 280-527052/16	5.0	2.920697	50.0	262095.0	0.584139	Y
5	STD10 280-527052/17	10.0	5.310729	50.0	266470.0	0.531073	Y
6	ICIS 280-527052/18	50.0	29.578349	50.0	265243.0	0.591567	Y
7	STD75 280-527052/19	75.0	41.540143	50.0	268923.0	0.553869	Y
8	STD100 280-527052/20	100.0	55.178975	50.0	270401.0	0.55179	Y
9	STD200 280-527052/21	200.0	119.570853	50.0	275057.0	0.597854	Y



Calibration

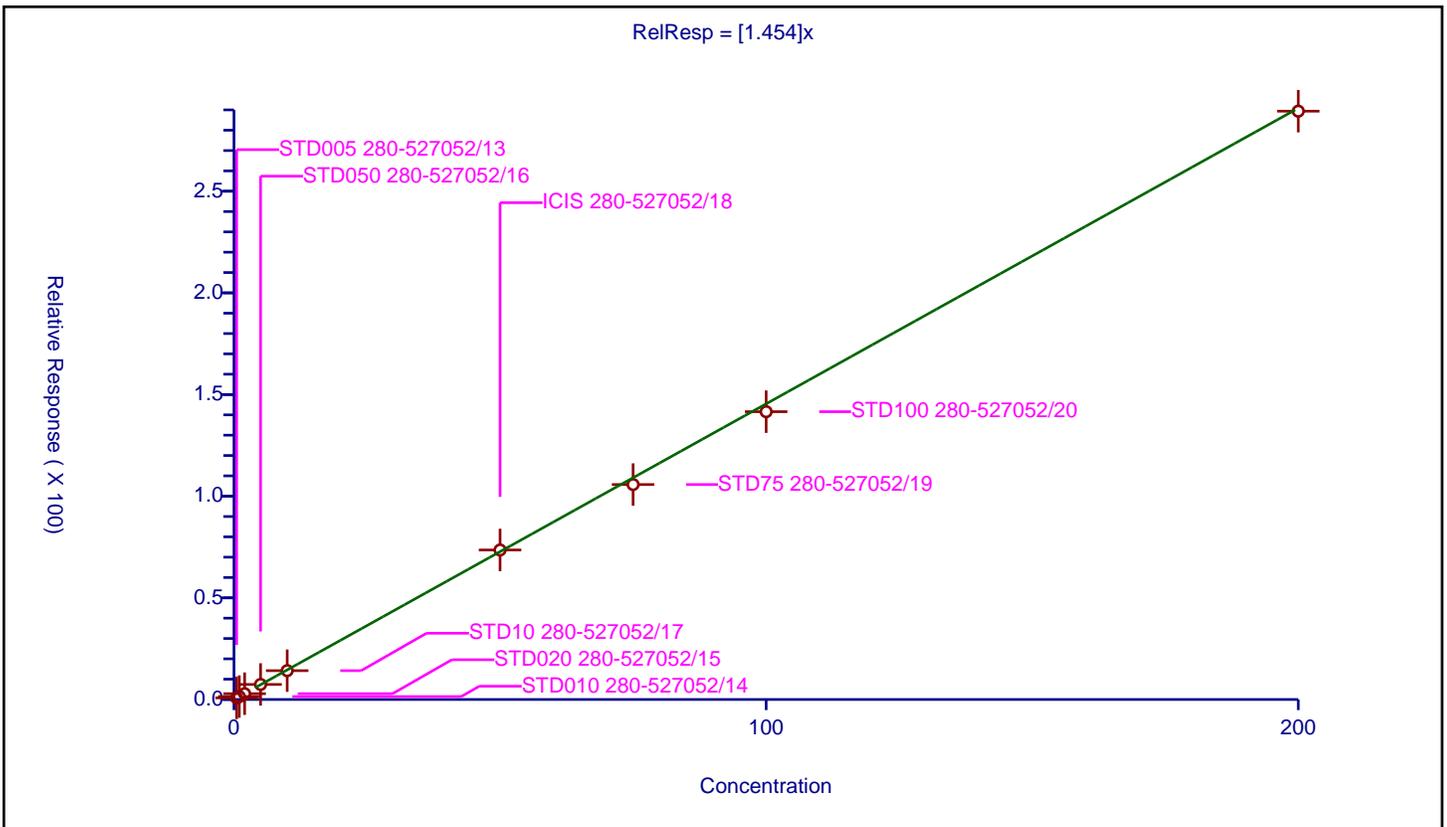
/ 1,3-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.454

Error Coefficients	
Standard Error:	671000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.787314	50.0	260633.0	1.574628	Y
2	STD010 280-527052/14	1.0	1.445243	50.0	267429.0	1.445243	Y
3	STD020 280-527052/15	2.0	2.856065	50.0	269094.0	1.428033	Y
4	STD050 280-527052/16	5.0	7.399035	50.0	262095.0	1.479807	Y
5	STD10 280-527052/17	10.0	14.178332	50.0	266470.0	1.417833	Y
6	ICIS 280-527052/18	50.0	73.54162	50.0	265243.0	1.470832	Y
7	STD75 280-527052/19	75.0	105.716506	50.0	268923.0	1.409553	Y
8	STD100 280-527052/20	100.0	141.558463	50.0	270401.0	1.415585	Y
9	STD200 280-527052/21	200.0	289.377111	50.0	275057.0	1.446886	Y



Calibration

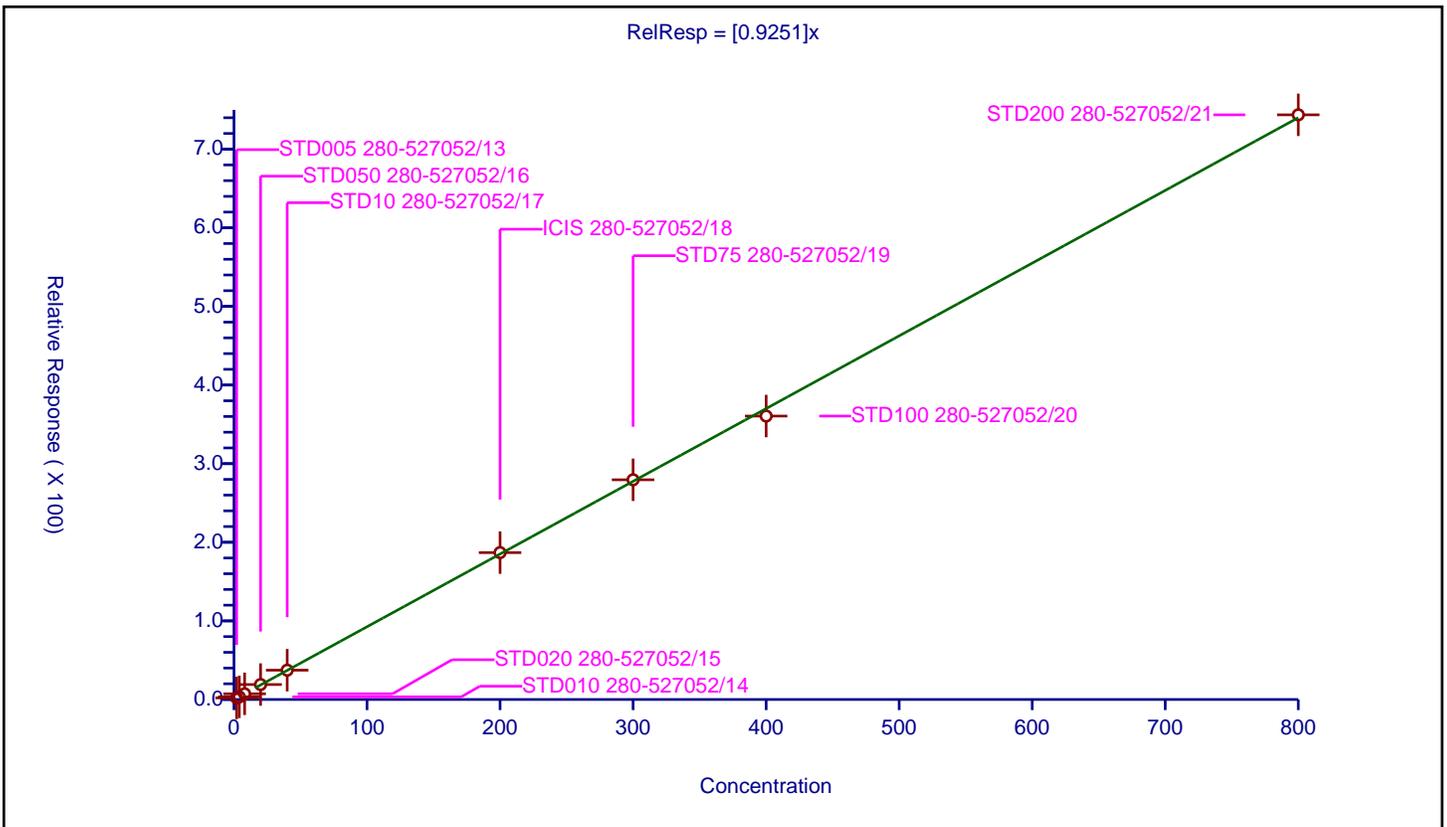
/ 2-Hexanone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9251

Error Coefficients	
Standard Error:	1730000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	2.0	1.999747	50.0	260633.0	0.999873	Y
2	STD010 280-527052/14	4.0	3.36594	50.0	267429.0	0.841485	Y
3	STD020 280-527052/15	8.0	7.229072	50.0	269094.0	0.903634	Y
4	STD050 280-527052/16	20.0	19.04443	50.0	262095.0	0.952222	Y
5	STD10 280-527052/17	40.0	37.283559	50.0	266470.0	0.932089	Y
6	ICIS 280-527052/18	200.0	186.824157	50.0	265243.0	0.934121	Y
7	STD75 280-527052/19	300.0	279.495618	50.0	268923.0	0.931652	Y
8	STD100 280-527052/20	400.0	360.540087	50.0	270401.0	0.90135	Y
9	STD200 280-527052/21	800.0	743.736207	50.0	275057.0	0.92967	Y



Calibration

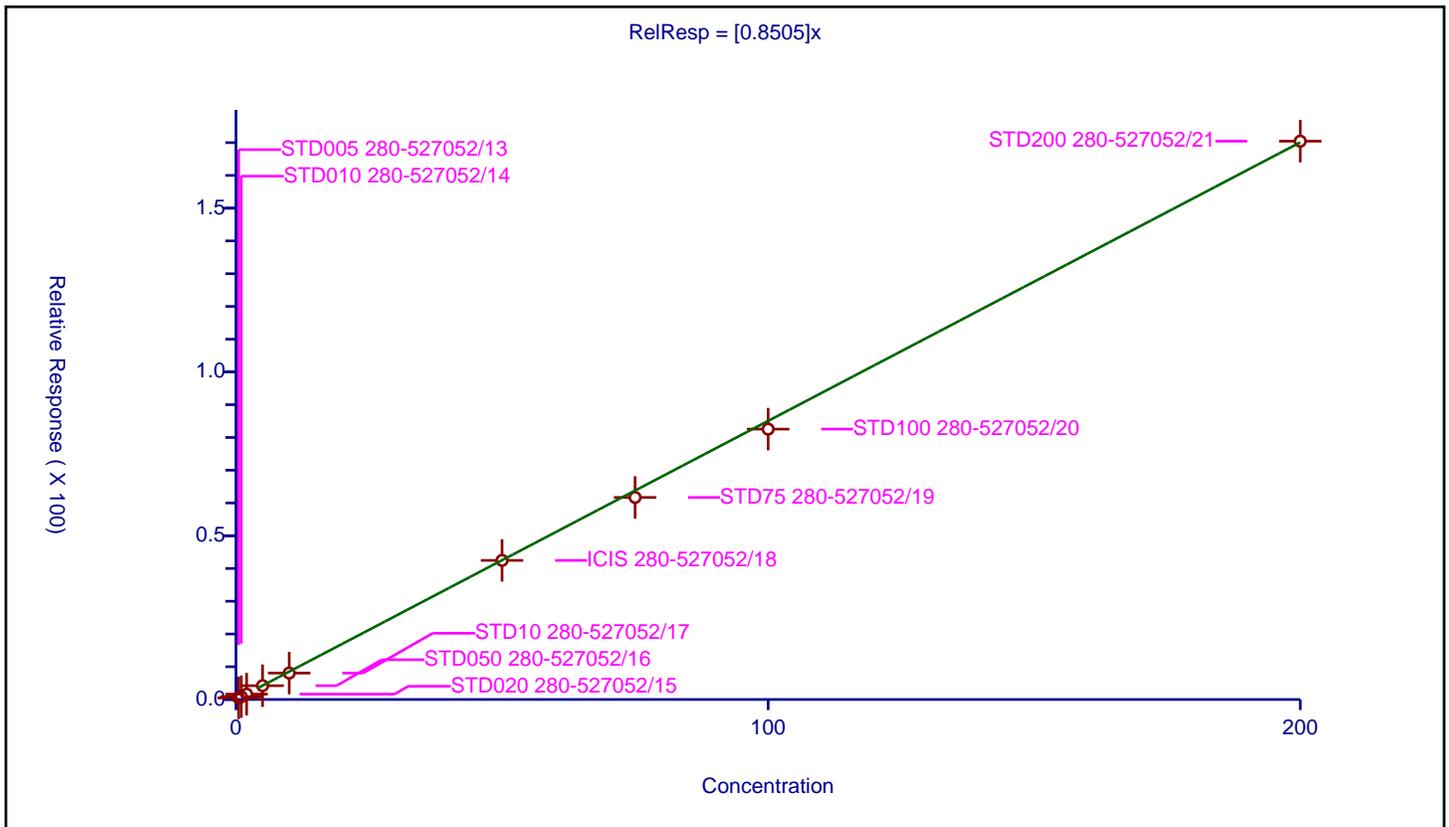
/ Chlorodibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8505

Error Coefficients	
Standard Error:	394000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.482863	50.0	260633.0	0.965726	Y
2	STD010 280-527052/14	1.0	0.870137	50.0	267429.0	0.870137	Y
3	STD020 280-527052/15	2.0	1.637903	50.0	269094.0	0.818952	Y
4	STD050 280-527052/16	5.0	4.216792	50.0	262095.0	0.843358	Y
5	STD10 280-527052/17	10.0	8.066762	50.0	266470.0	0.806676	Y
6	ICIS 280-527052/18	50.0	42.463515	50.0	265243.0	0.84927	Y
7	STD75 280-527052/19	75.0	61.684757	50.0	268923.0	0.822463	Y
8	STD100 280-527052/20	100.0	82.545553	50.0	270401.0	0.825456	Y
9	STD200 280-527052/21	200.0	170.446489	50.0	275057.0	0.852232	Y



**Calibration**

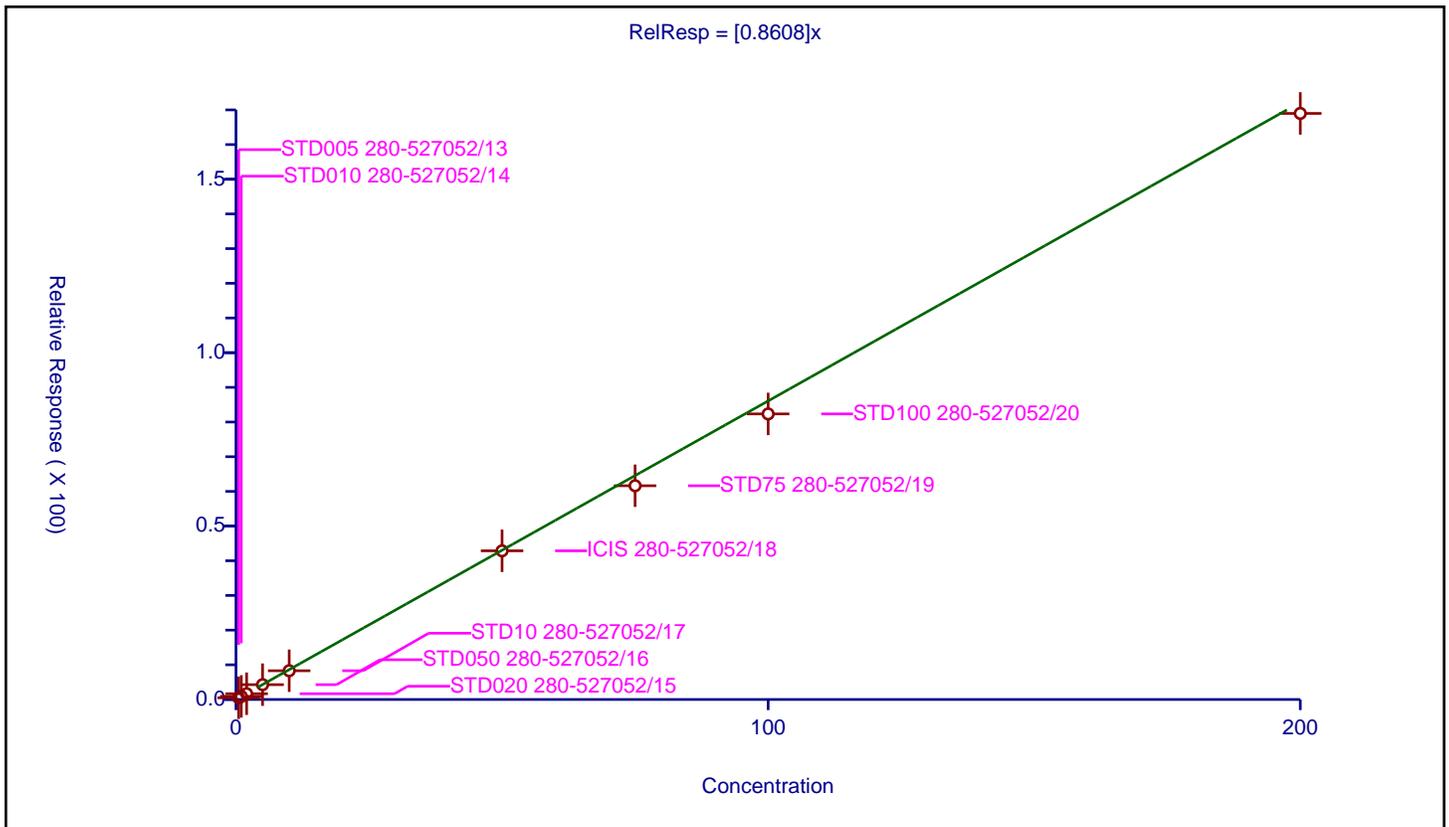
/ Ethylene Dibromide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8608

Error Coefficients	
Standard Error:	391000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.491879	50.0	260633.0	0.983759	Y
2	STD010 280-527052/14	1.0	0.900052	50.0	267429.0	0.900052	Y
3	STD020 280-527052/15	2.0	1.664474	50.0	269094.0	0.832237	Y
4	STD050 280-527052/16	5.0	4.274023	50.0	262095.0	0.854805	Y
5	STD10 280-527052/17	10.0	8.291365	50.0	266470.0	0.829136	Y
6	ICIS 280-527052/18	50.0	42.865976	50.0	265243.0	0.85732	Y
7	STD75 280-527052/19	75.0	61.63214	50.0	268923.0	0.821762	Y
8	STD100 280-527052/20	100.0	82.339562	50.0	270401.0	0.823396	Y
9	STD200 280-527052/21	200.0	168.984974	50.0	275057.0	0.844925	Y



Calibration

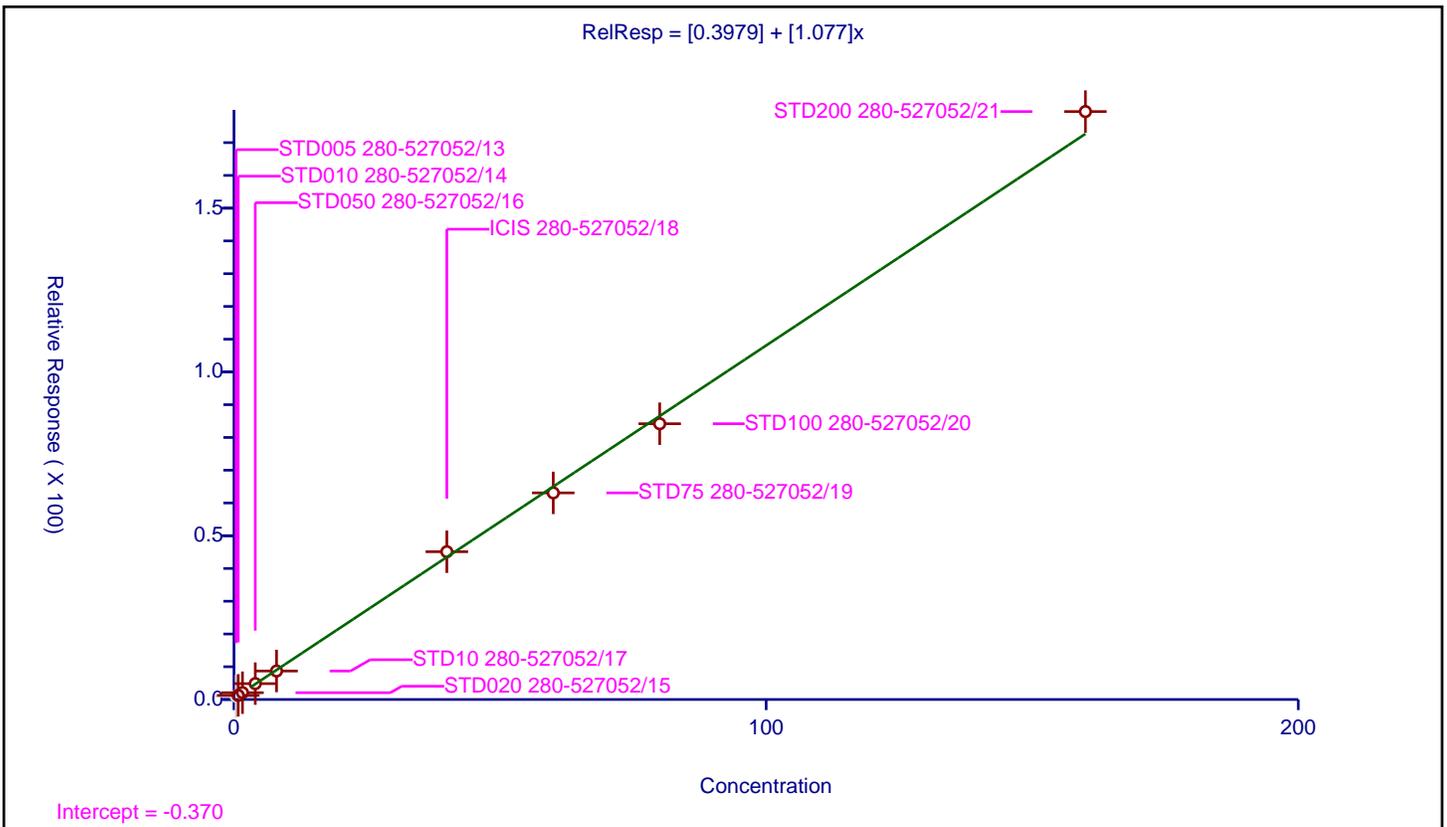
/ 1-Chlorohexane

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.3979
Slope:	1.077

Error Coefficients	
Standard Error:	476000
Relative Standard Error:	3.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.4	1.015221	50.0	260633.0	2.538052	N
2	STD010 280-527052/14	0.8	1.268374	50.0	267429.0	1.585468	Y
3	STD020 280-527052/15	1.6	2.073439	50.0	269094.0	1.295899	Y
4	STD050 280-527052/16	4.0	4.846907	50.0	262095.0	1.211727	Y
5	STD10 280-527052/17	8.0	8.695726	50.0	266470.0	1.086966	Y
6	ICIS 280-527052/18	40.0	45.113726	50.0	265243.0	1.127843	Y
7	STD75 280-527052/19	60.0	63.080138	50.0	268923.0	1.051336	Y
8	STD100 280-527052/20	80.0	84.190887	50.0	270401.0	1.052386	Y
9	STD200 280-527052/21	160.0	179.490069	50.0	275057.0	1.121813	Y



Calibration

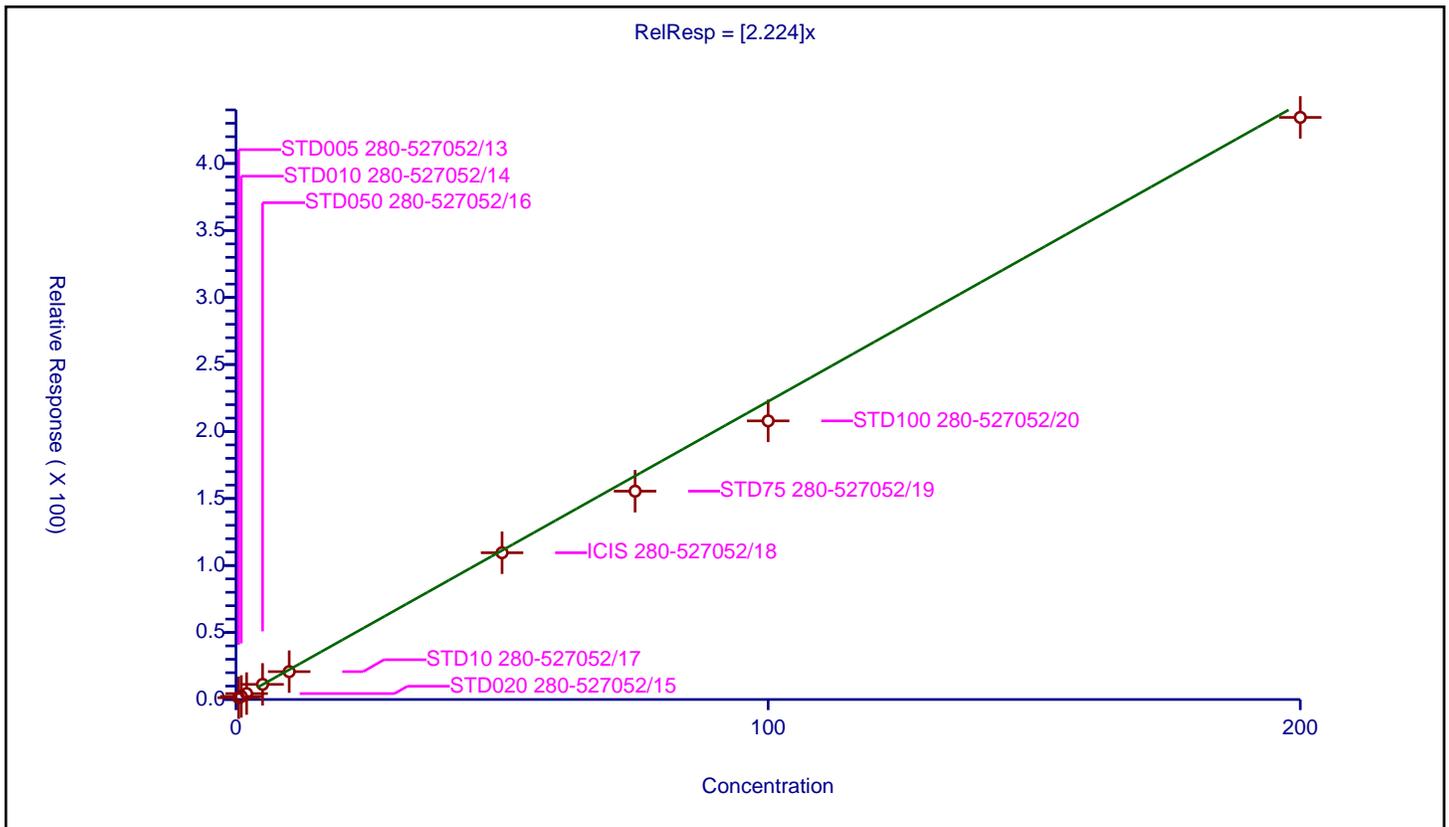
/ Chlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.224

Error Coefficients	
Standard Error:	1000000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	1.337513	50.0	260633.0	2.675026	Y
2	STD010 280-527052/14	1.0	2.284158	50.0	267429.0	2.284158	Y
3	STD020 280-527052/15	2.0	4.417415	50.0	269094.0	2.208708	Y
4	STD050 280-527052/16	5.0	11.295713	50.0	262095.0	2.259143	Y
5	STD10 280-527052/17	10.0	20.781514	50.0	266470.0	2.078151	Y
6	ICIS 280-527052/18	50.0	109.509959	50.0	265243.0	2.190199	Y
7	STD75 280-527052/19	75.0	155.468294	50.0	268923.0	2.072911	Y
8	STD100 280-527052/20	100.0	207.908625	50.0	270401.0	2.079086	Y
9	STD200 280-527052/21	200.0	434.401051	50.0	275057.0	2.172005	Y



Calibration

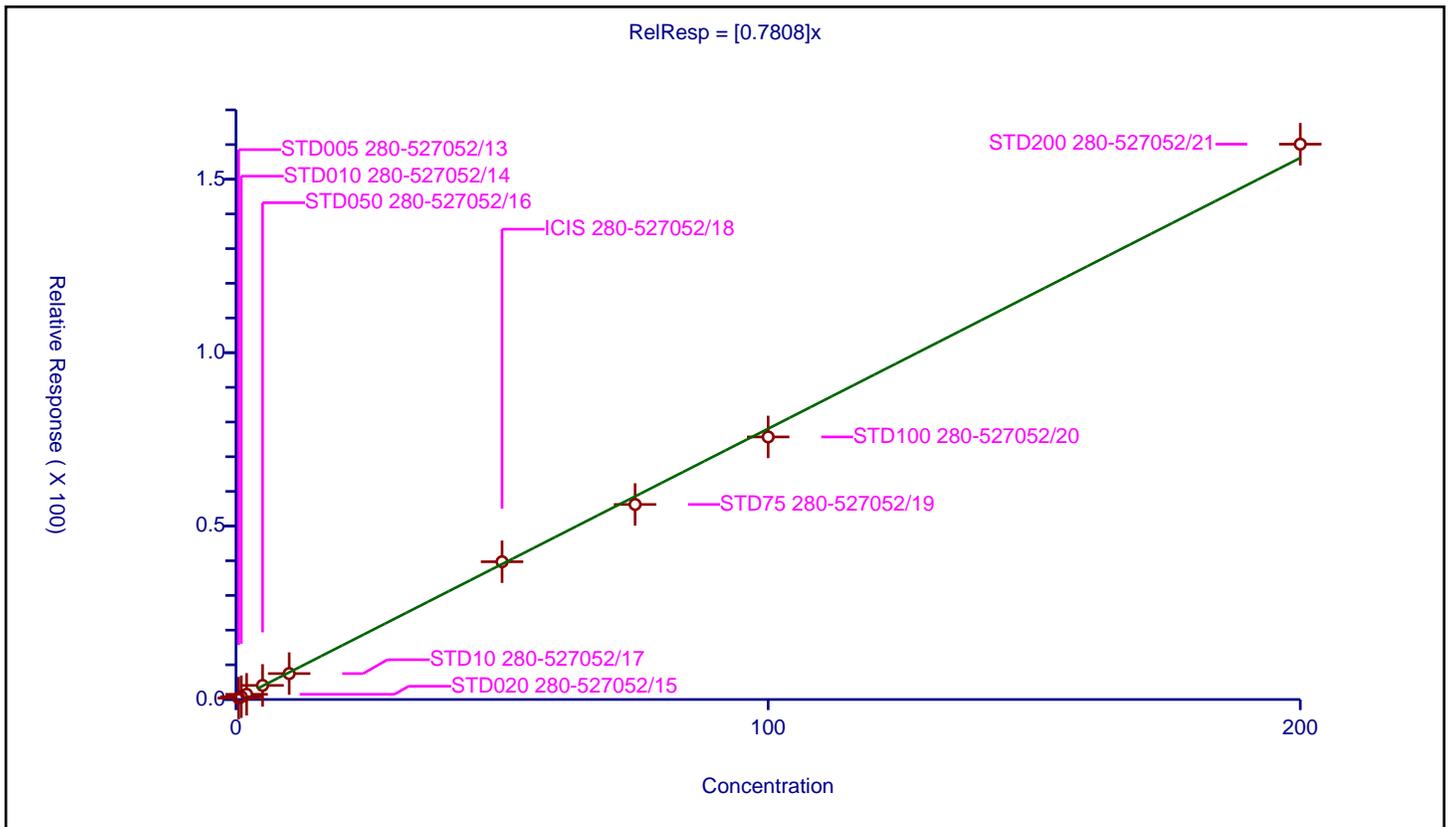
/ 1,1,1,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7808

Error Coefficients	
Standard Error:	368000
Relative Standard Error:	3.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.40958	50.0	260633.0	0.81916	Y
2	STD010 280-527052/14	1.0	0.796099	50.0	267429.0	0.796099	Y
3	STD020 280-527052/15	2.0	1.501148	50.0	269094.0	0.750574	Y
4	STD050 280-527052/16	5.0	4.061695	50.0	262095.0	0.812339	Y
5	STD10 280-527052/17	10.0	7.470447	50.0	266470.0	0.747045	Y
6	ICIS 280-527052/18	50.0	39.720181	50.0	265243.0	0.794404	Y
7	STD75 280-527052/19	75.0	56.233755	50.0	268923.0	0.749783	Y
8	STD100 280-527052/20	100.0	75.70756	50.0	270401.0	0.757076	Y
9	STD200 280-527052/21	200.0	160.113358	50.0	275057.0	0.800567	Y



Calibration

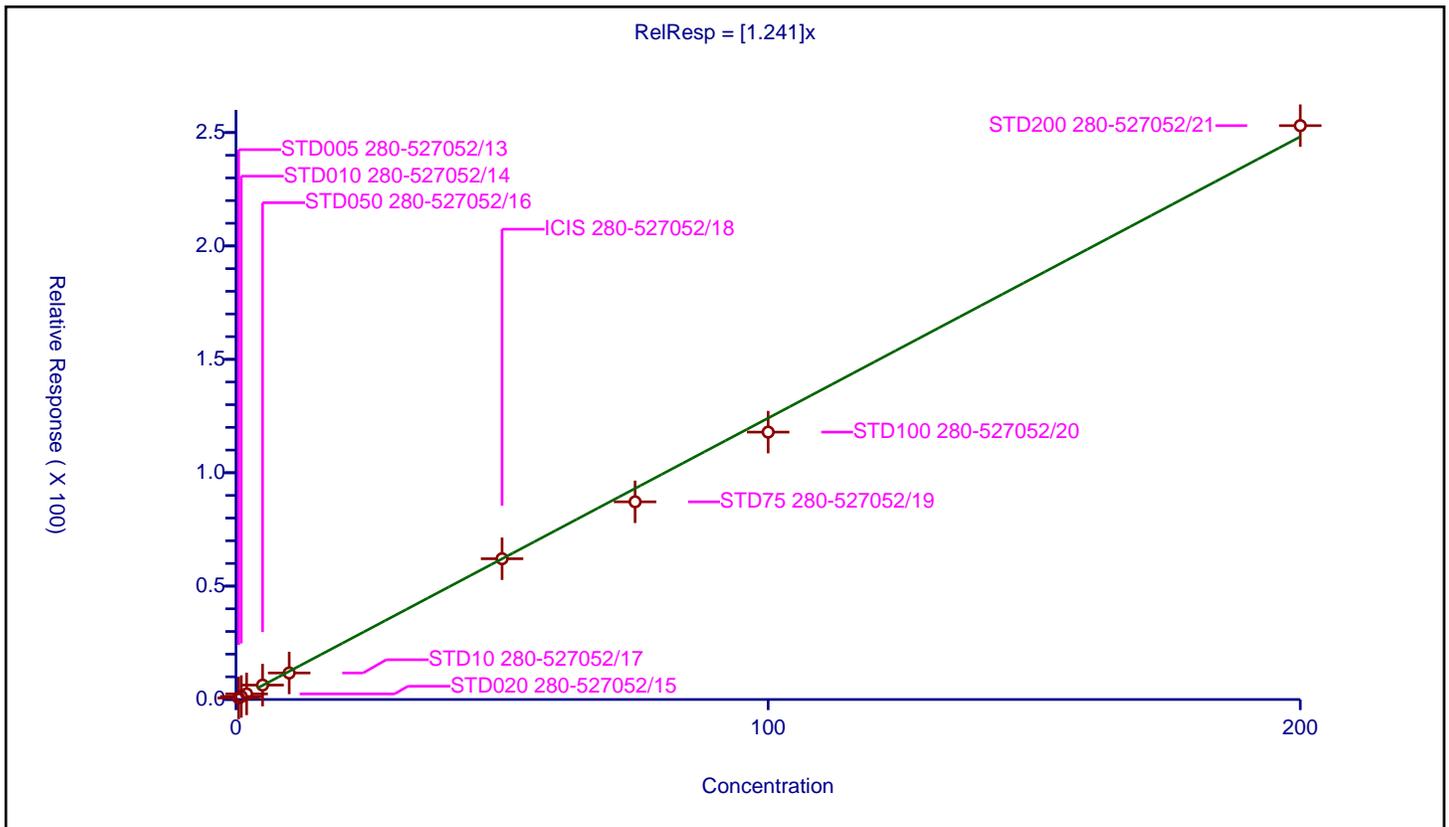
/ Ethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.241

Error Coefficients	
Standard Error:	578000
Relative Standard Error:	5.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.65763	50.0	260633.0	1.315259	Y
2	STD010 280-527052/14	1.0	1.332129	50.0	267429.0	1.332129	Y
3	STD020 280-527052/15	2.0	2.464938	50.0	269094.0	1.232469	Y
4	STD050 280-527052/16	5.0	6.349606	50.0	262095.0	1.269921	Y
5	STD10 280-527052/17	10.0	11.695688	50.0	266470.0	1.169569	Y
6	ICIS 280-527052/18	50.0	62.074965	50.0	265243.0	1.241499	Y
7	STD75 280-527052/19	75.0	87.169747	50.0	268923.0	1.162263	Y
8	STD100 280-527052/20	100.0	117.918388	50.0	270401.0	1.179184	Y
9	STD200 280-527052/21	200.0	253.049913	50.0	275057.0	1.26525	Y



Calibration

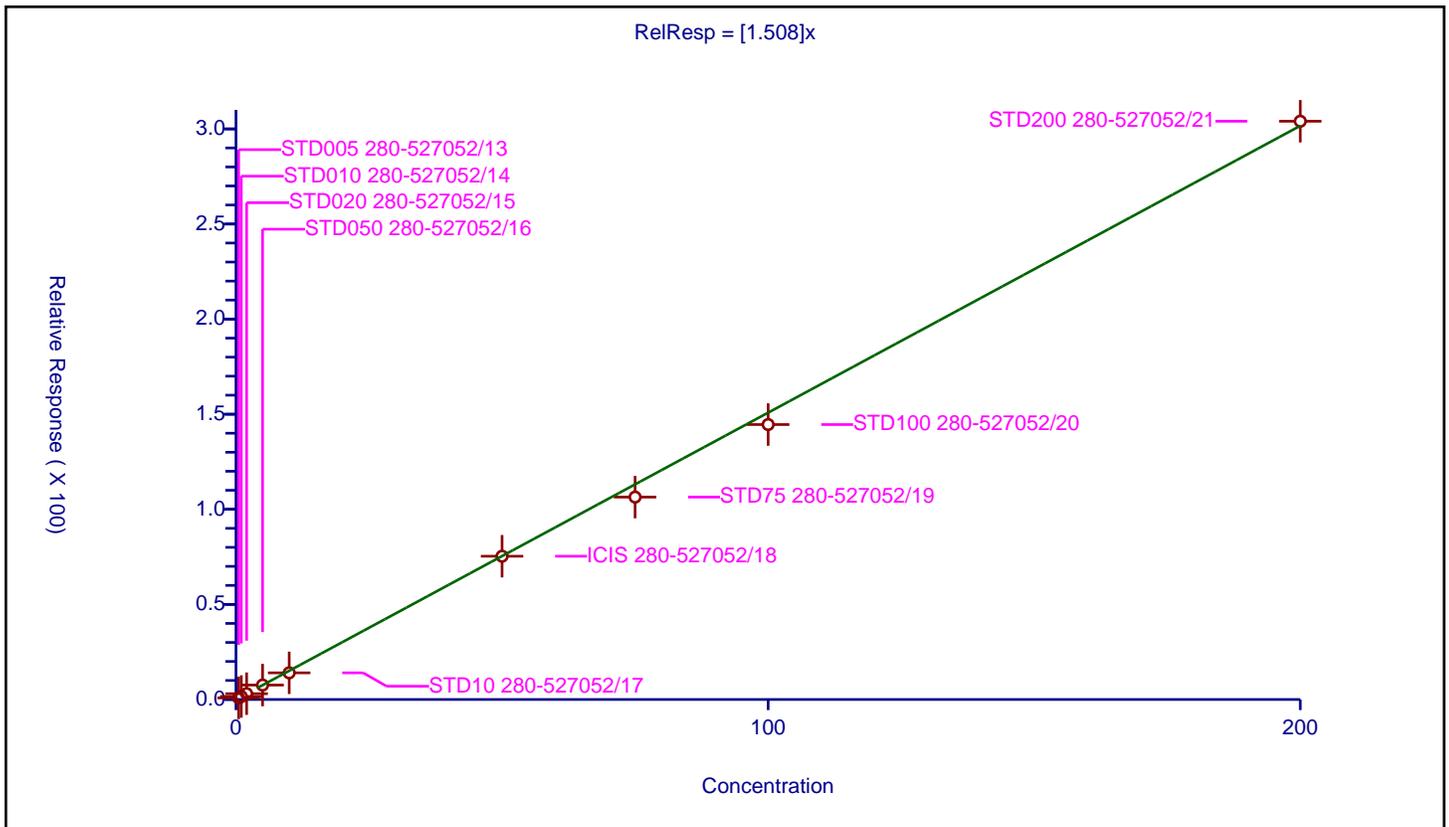
/ m-Xylene & p-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.508

Error Coefficients	
Standard Error:	698000
Relative Standard Error:	5.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.82549	50.0	260633.0	1.65098	Y
2	STD010 280-527052/14	1.0	1.579859	50.0	267429.0	1.579859	Y
3	STD020 280-527052/15	2.0	3.059897	50.0	269094.0	1.529949	Y
4	STD050 280-527052/16	5.0	7.597245	50.0	262095.0	1.519449	Y
5	STD10 280-527052/17	10.0	14.014148	50.0	266470.0	1.401415	Y
6	ICIS 280-527052/18	50.0	75.335447	50.0	265243.0	1.506709	Y
7	STD75 280-527052/19	75.0	106.423028	50.0	268923.0	1.418974	Y
8	STD100 280-527052/20	100.0	144.563999	50.0	270401.0	1.44564	Y
9	STD200 280-527052/21	200.0	304.0368	50.0	275057.0	1.520184	Y



Calibration

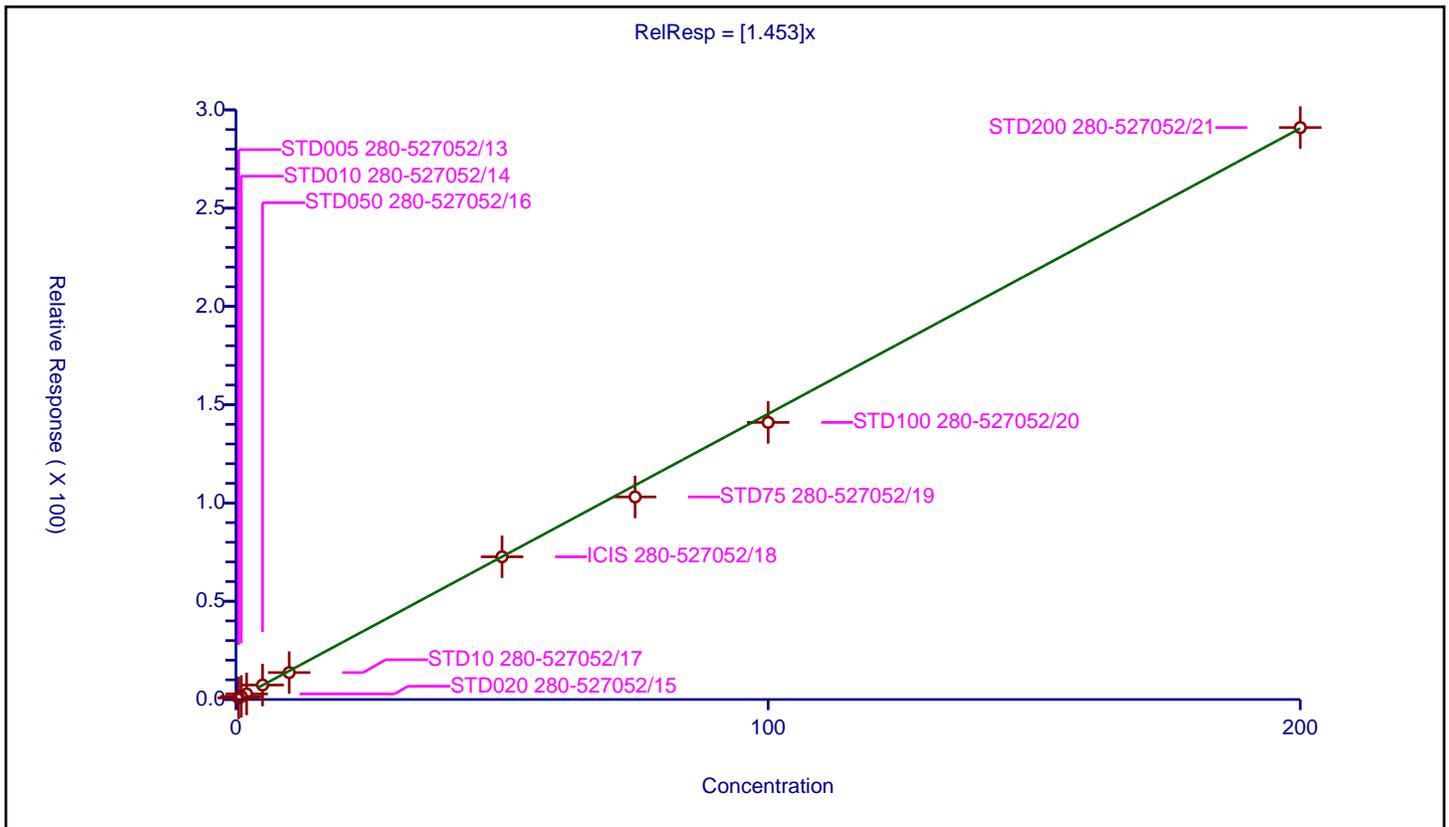
/ o-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.453

Error Coefficients	
Standard Error:	671000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.784628	50.0	260633.0	1.569256	Y
2	STD010 280-527052/14	1.0	1.552749	50.0	267429.0	1.552749	Y
3	STD020 280-527052/15	2.0	2.844917	50.0	269094.0	1.422458	Y
4	STD050 280-527052/16	5.0	7.361834	50.0	262095.0	1.472367	Y
5	STD10 280-527052/17	10.0	13.706796	50.0	266470.0	1.37068	Y
6	ICIS 280-527052/18	50.0	72.608891	50.0	265243.0	1.452178	Y
7	STD75 280-527052/19	75.0	103.066677	50.0	268923.0	1.374222	Y
8	STD100 280-527052/20	100.0	140.981912	50.0	270401.0	1.409819	Y
9	STD200 280-527052/21	200.0	291.015862	50.0	275057.0	1.455079	Y



Calibration

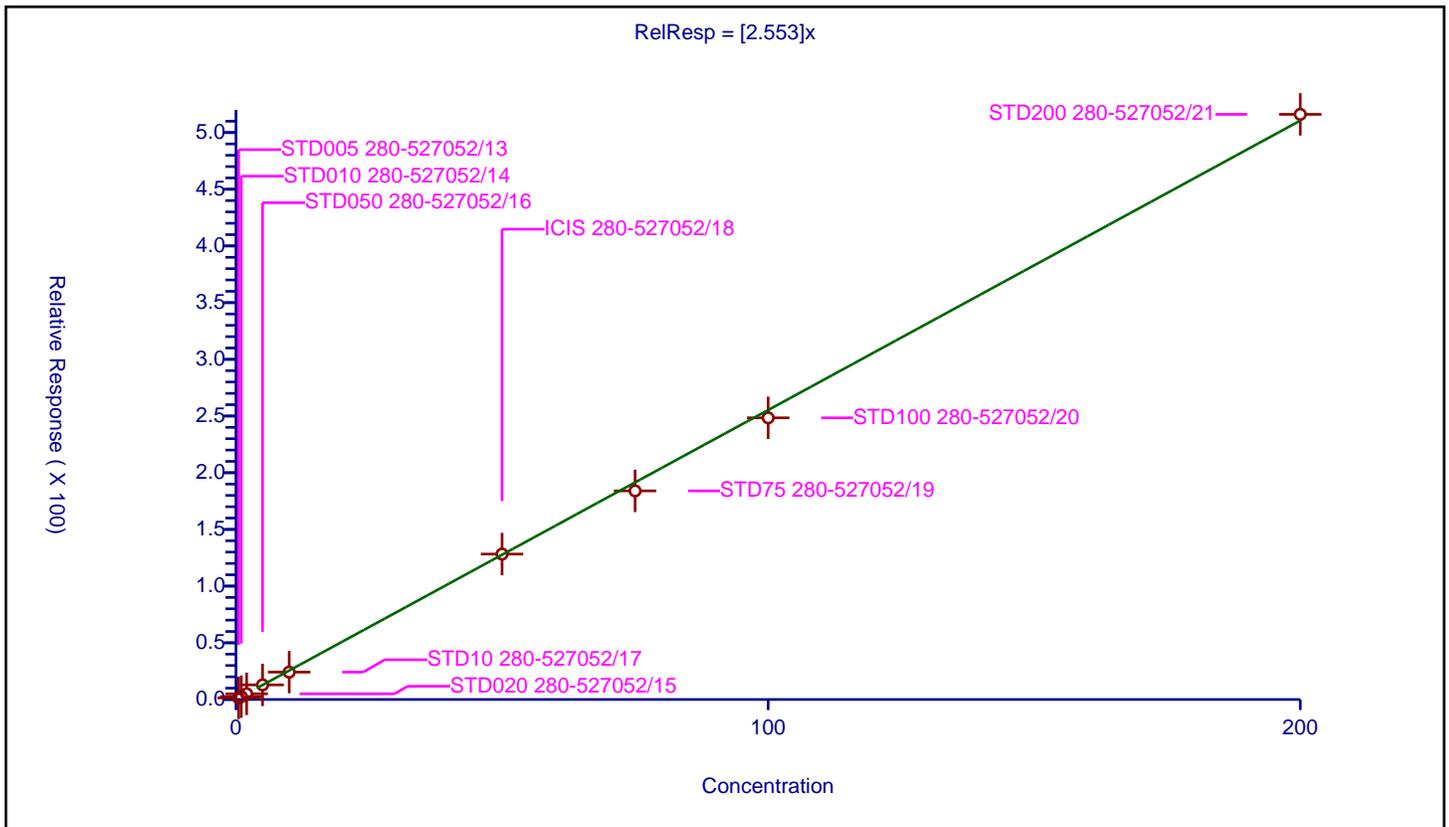
/ Styrene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.553

Error Coefficients	
Standard Error:	1190000
Relative Standard Error:	4.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	1.417319	50.0	260633.0	2.834637	Y
2	STD010 280-527052/14	1.0	2.553949	50.0	267429.0	2.553949	Y
3	STD020 280-527052/15	2.0	5.024081	50.0	269094.0	2.51204	Y
4	STD050 280-527052/16	5.0	12.88445	50.0	262095.0	2.57689	Y
5	STD10 280-527052/17	10.0	24.147559	50.0	266470.0	2.414756	Y
6	ICIS 280-527052/18	50.0	128.247871	50.0	265243.0	2.564957	Y
7	STD75 280-527052/19	75.0	183.979615	50.0	268923.0	2.453062	Y
8	STD100 280-527052/20	100.0	248.414577	50.0	270401.0	2.484146	Y
9	STD200 280-527052/21	200.0	516.07685	50.0	275057.0	2.580384	Y



**Calibration**

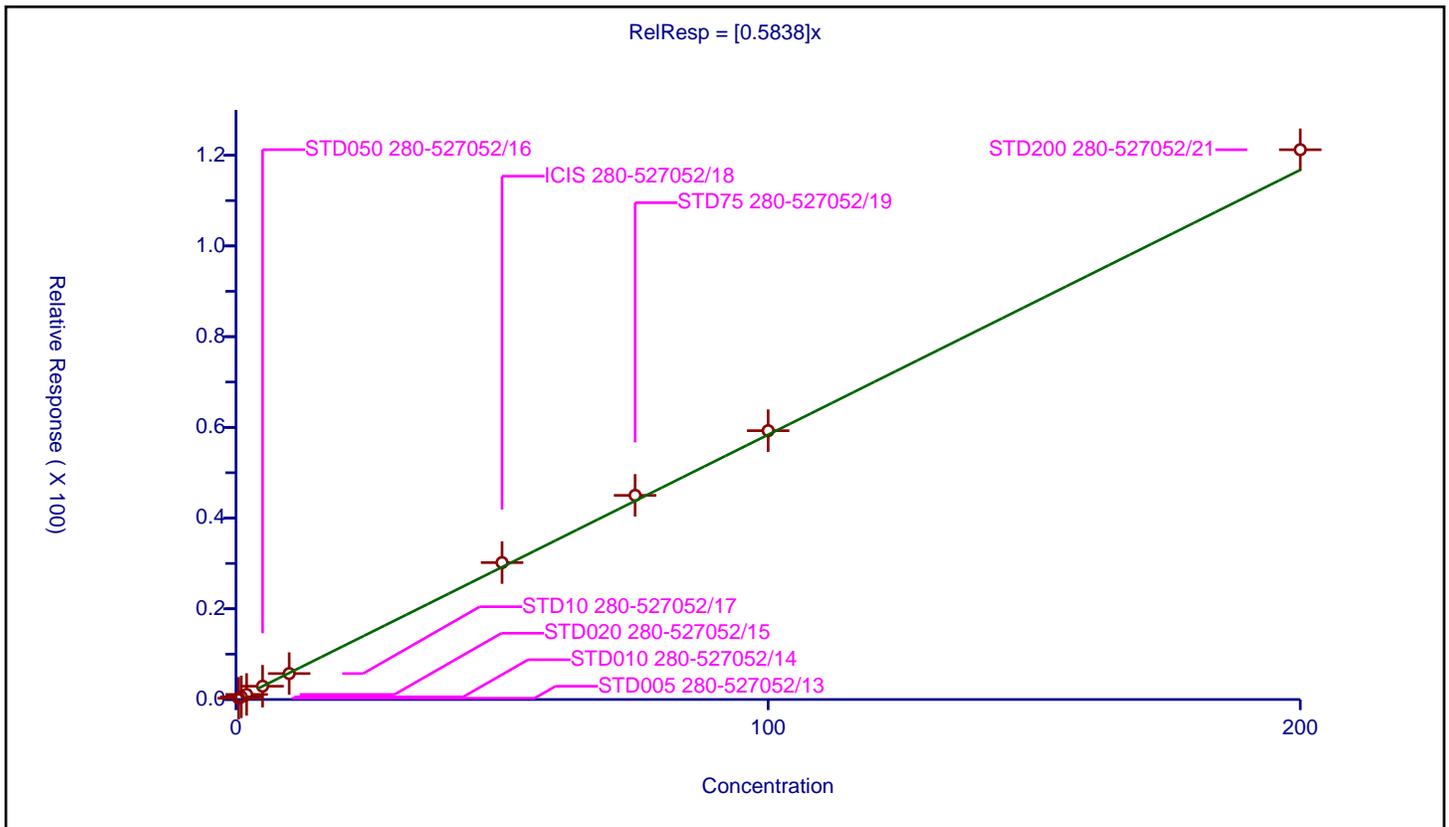
/ Bromoform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5838

Error Coefficients	
Standard Error:	281000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.276634	50.0	260633.0	0.553268	Y
2	STD010 280-527052/14	1.0	0.583332	50.0	267429.0	0.583332	Y
3	STD020 280-527052/15	2.0	1.111879	50.0	269094.0	0.55594	Y
4	STD050 280-527052/16	5.0	2.933669	50.0	262095.0	0.586734	Y
5	STD10 280-527052/17	10.0	5.722971	50.0	266470.0	0.572297	Y
6	ICIS 280-527052/18	50.0	30.186282	50.0	265243.0	0.603726	Y
7	STD75 280-527052/19	75.0	45.013071	50.0	268923.0	0.600174	Y
8	STD100 280-527052/20	100.0	59.271785	50.0	270401.0	0.592718	Y
9	STD200 280-527052/21	200.0	121.219784	50.0	275057.0	0.606099	Y



Calibration

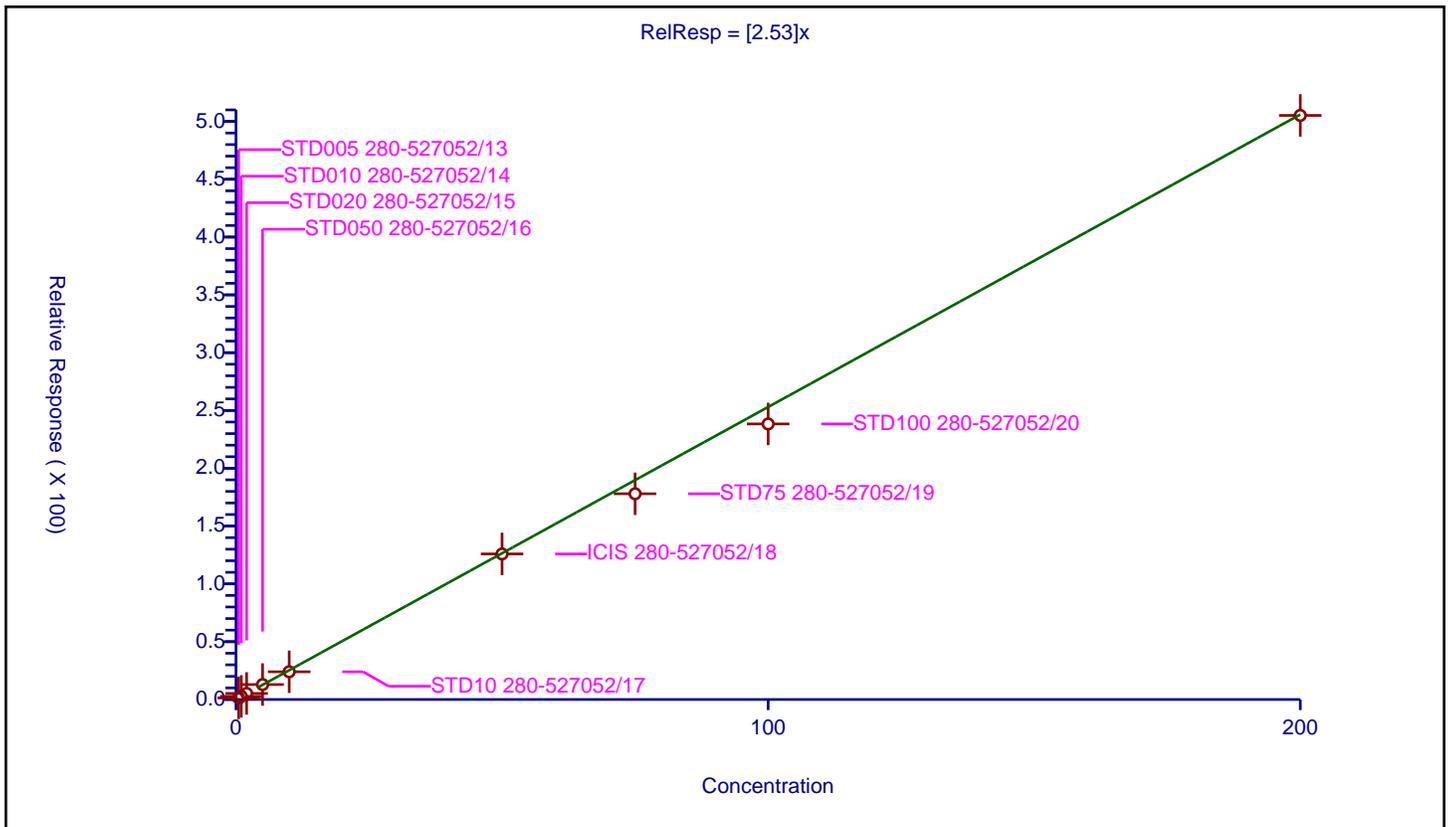
/ Isopropylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.53

Error Coefficients	
Standard Error:	1680000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	1.334047	50.0	379447.0	2.668093	Y
2	STD010 280-527052/14	1.0	2.704664	50.0	381637.0	2.704664	Y
3	STD020 280-527052/15	2.0	5.229553	50.0	383092.0	2.614777	Y
4	STD050 280-527052/16	5.0	12.92171	50.0	376088.0	2.584342	Y
5	STD10 280-527052/17	10.0	23.976636	50.0	382220.0	2.397664	Y
6	ICIS 280-527052/18	50.0	125.908518	50.0	390636.0	2.51817	Y
7	STD75 280-527052/19	75.0	177.957207	50.0	390808.0	2.372763	Y
8	STD100 280-527052/20	100.0	238.352859	50.0	399978.0	2.383529	Y
9	STD200 280-527052/21	200.0	505.219162	50.0	397286.0	2.526096	Y



Calibration

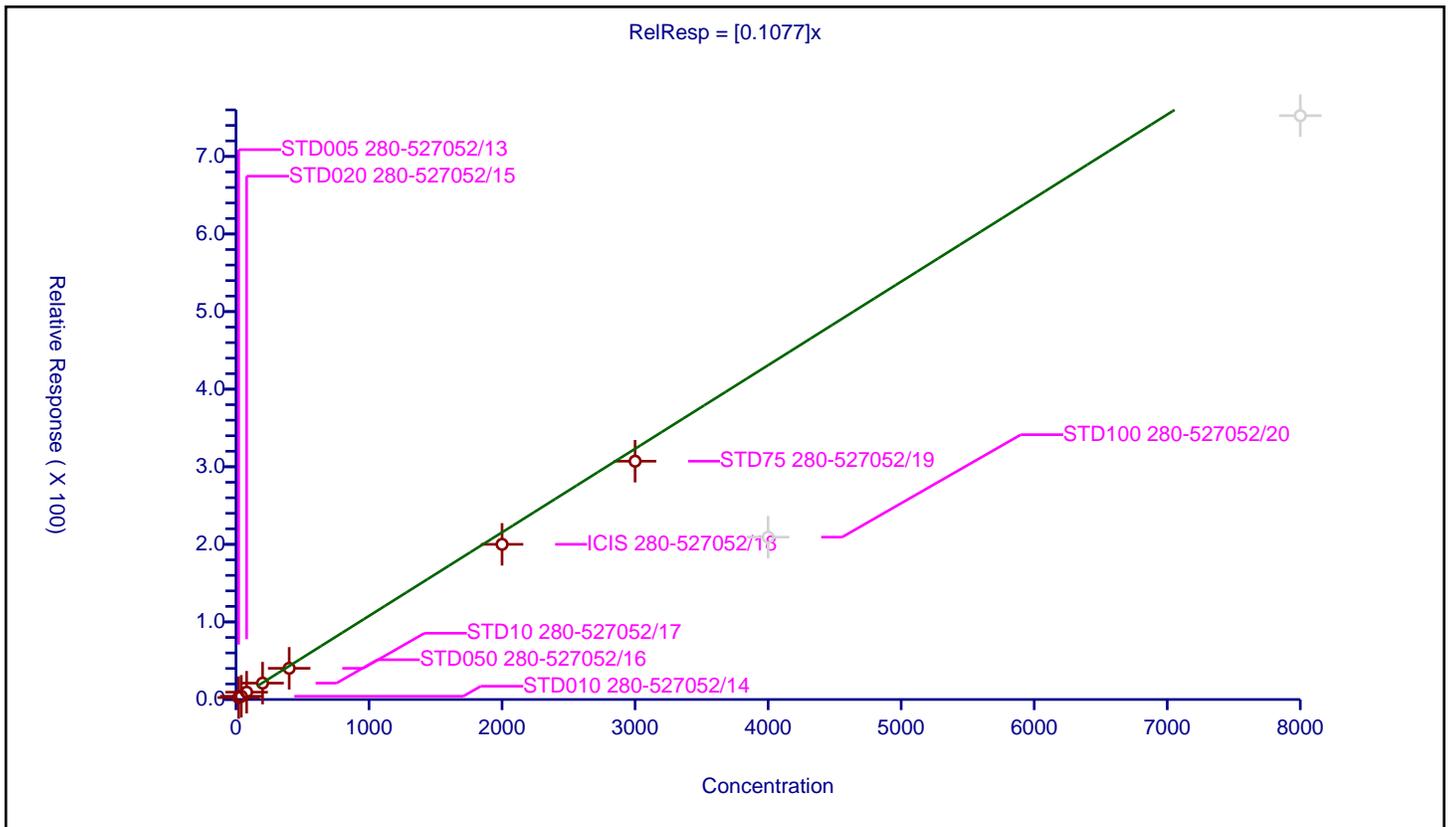
/ Cyclohexanone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1077

Error Coefficients	
Standard Error:	808000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	20.0	2.465728	50.0	260633.0	0.123286	Y
2	STD010 280-527052/14	40.0	4.177183	50.0	267429.0	0.10443	Y
3	STD020 280-527052/15	80.0	9.438709	50.0	269094.0	0.117984	Y
4	STD050 280-527052/16	200.0	21.095786	50.0	262095.0	0.105479	Y
5	STD10 280-527052/17	400.0	40.199084	50.0	266470.0	0.100498	Y
6	ICIS 280-527052/18	2000.0	200.015269	50.0	265243.0	0.100008	Y
7	STD75 280-527052/19	3000.0	307.179007	50.0	268923.0	0.102393	Y
8	STD100 280-527052/20	4000.0	209.286023	50.0	270401.0	0.052322	N
9	STD200 280-527052/21	8000.0	752.541473	50.0	275057.0	0.094068	N



**Calibration**

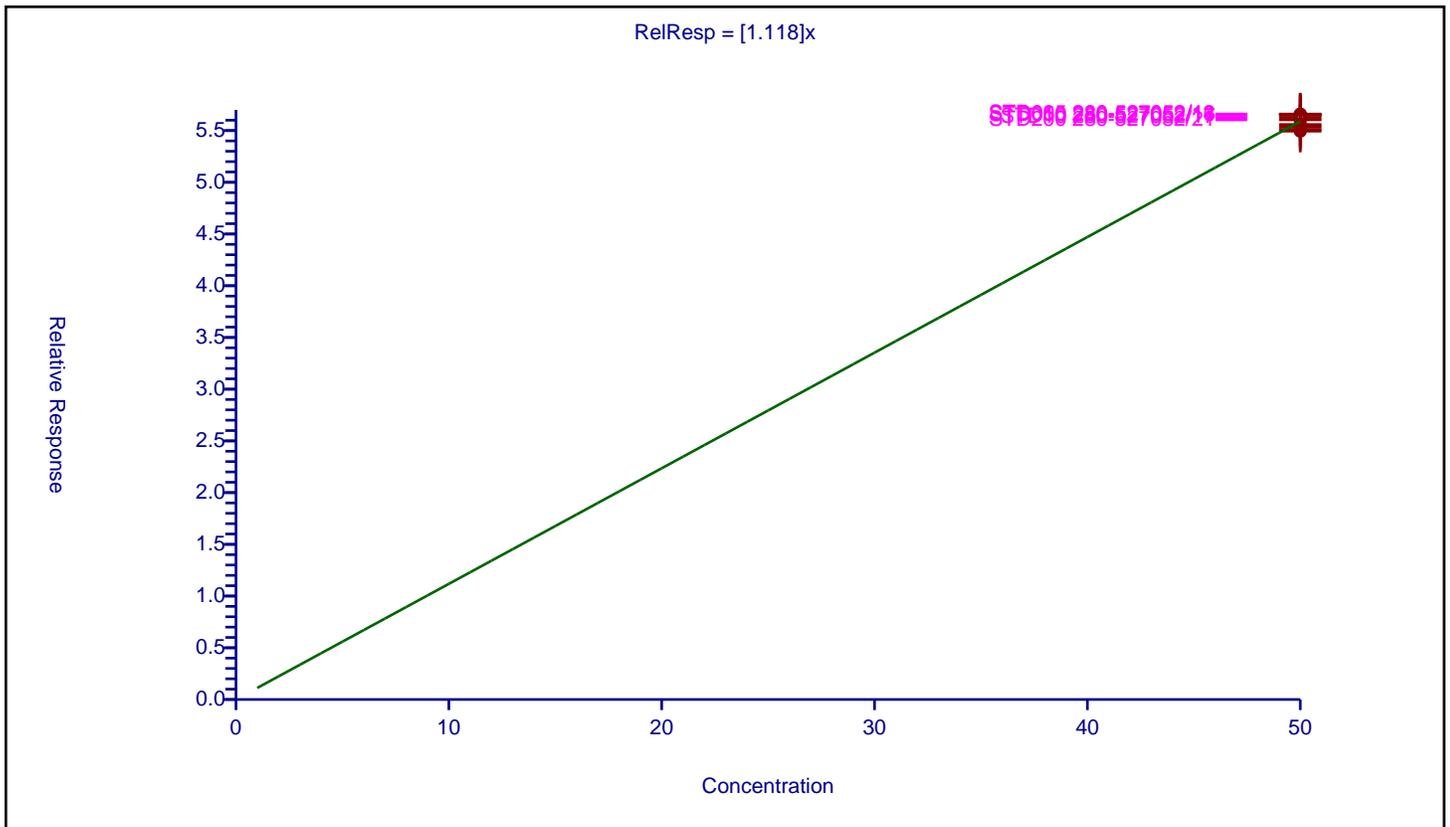
**/ 4-Bromofluorobenzene (Surr)**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.118

Error Coefficients	
Standard Error:	458000
Relative Standard Error:	1.1
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	50.0	56.599472	50.0	379447.0	1.131989	Y
2	STD010 280-527052/14	50.0	56.535006	50.0	381637.0	1.1307	Y
3	STD020 280-527052/15	50.0	55.5873	50.0	383092.0	1.111746	Y
4	STD050 280-527052/16	50.0	56.48771	50.0	376088.0	1.129754	Y
5	STD10 280-527052/17	50.0	56.270603	50.0	382220.0	1.125412	Y
6	ICIS 280-527052/18	50.0	55.375465	50.0	390636.0	1.107509	Y
7	STD75 280-527052/19	50.0	55.126047	50.0	390808.0	1.102521	Y
8	STD100 280-527052/20	50.0	54.944272	50.0	399978.0	1.098885	Y
9	STD200 280-527052/21	50.0	56.036332	50.0	397286.0	1.120727	Y



Calibration

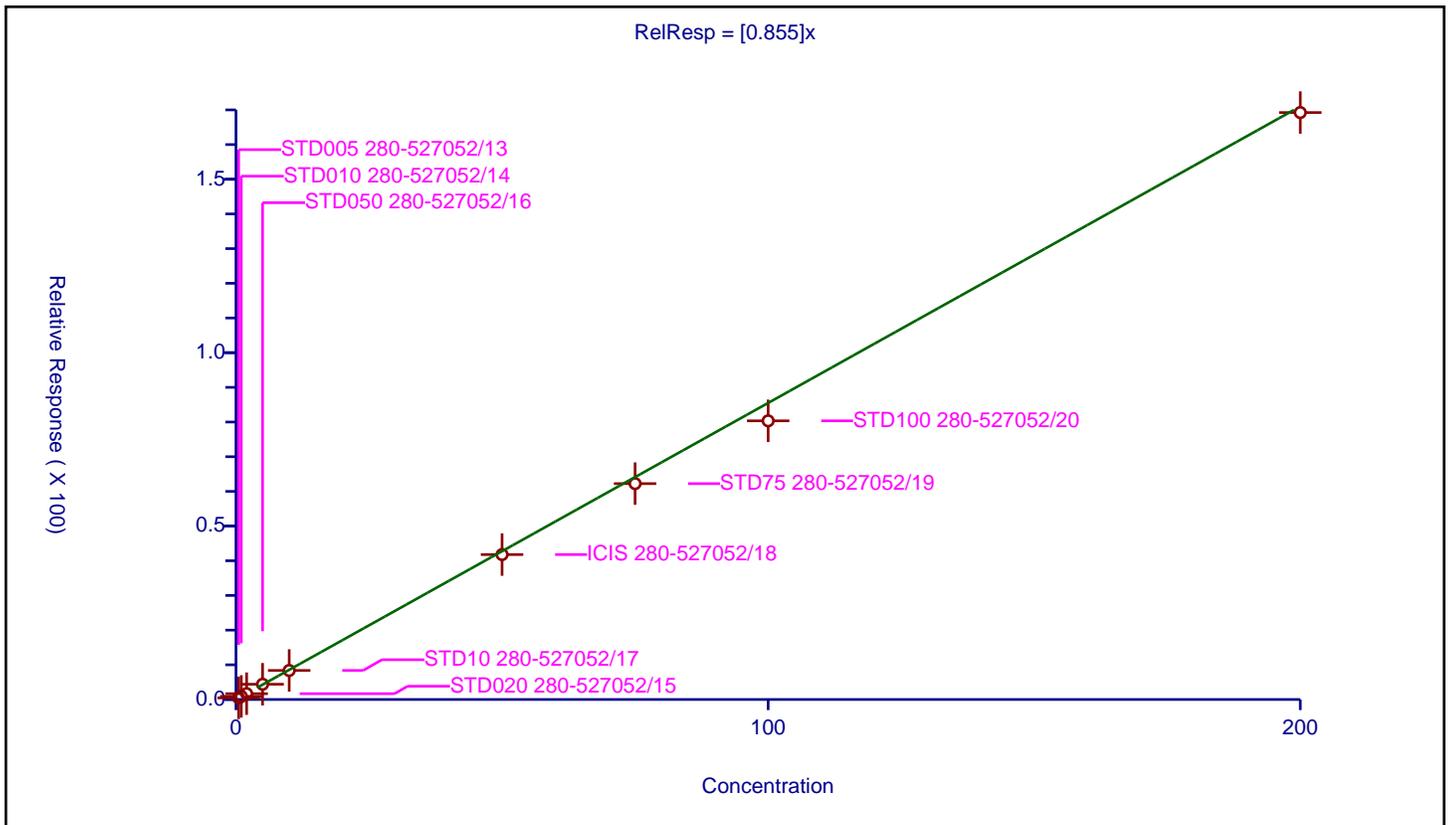
/ 1,1,2,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.855

Error Coefficients	
Standard Error:	567000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.46212	50.0	379447.0	0.92424	Y
2	STD010 280-527052/14	1.0	0.899022	50.0	381637.0	0.899022	Y
3	STD020 280-527052/15	2.0	1.680406	50.0	383092.0	0.840203	Y
4	STD050 280-527052/16	5.0	4.396179	50.0	376088.0	0.879236	Y
5	STD10 280-527052/17	10.0	8.371357	50.0	382220.0	0.837136	Y
6	ICIS 280-527052/18	50.0	41.783143	50.0	390636.0	0.835663	Y
7	STD75 280-527052/19	75.0	62.245527	50.0	390808.0	0.82994	Y
8	STD100 280-527052/20	100.0	80.345669	50.0	399978.0	0.803457	Y
9	STD200 280-527052/21	200.0	169.231737	50.0	397286.0	0.846159	Y



Calibration

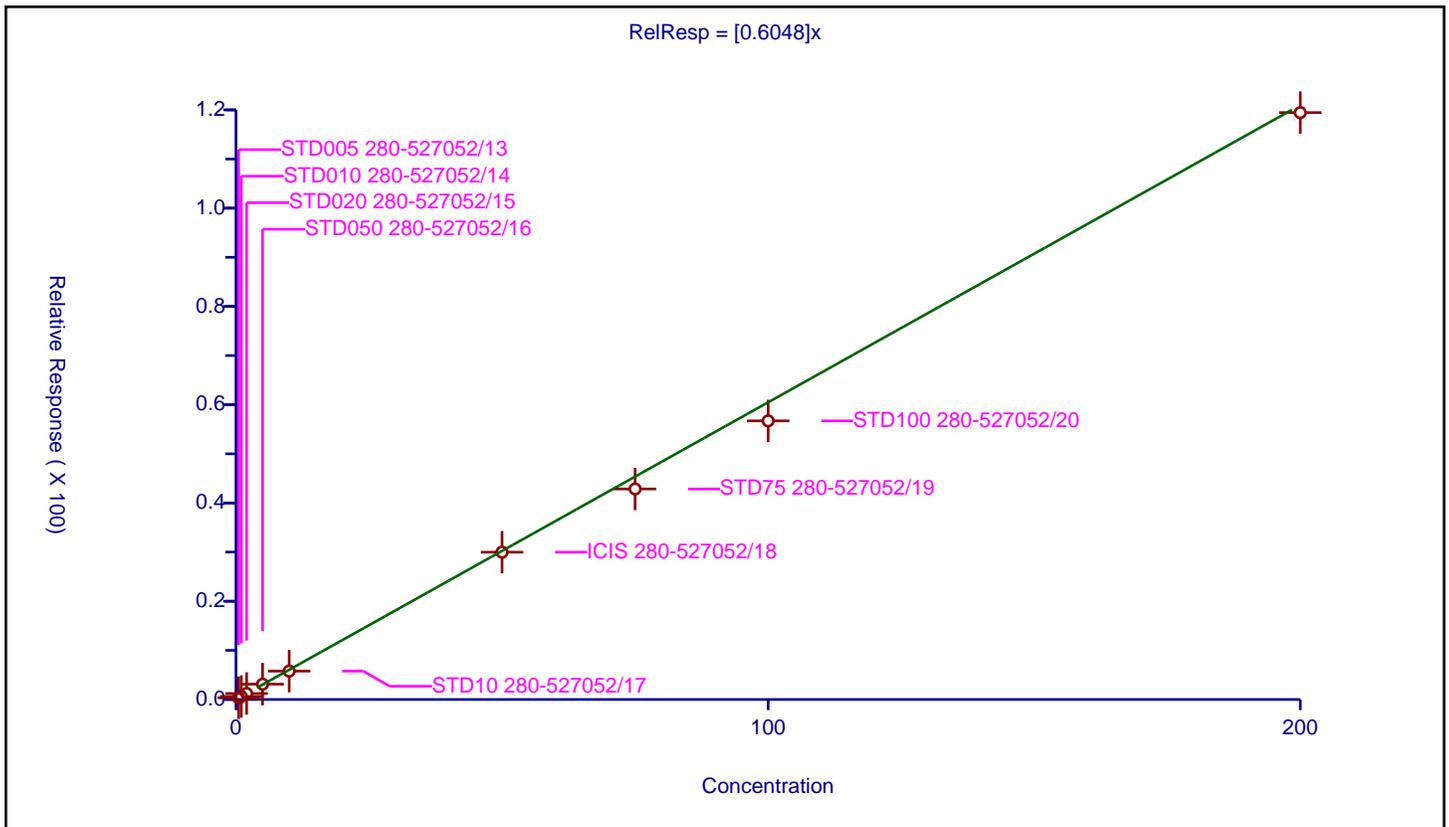
/ Bromobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6048

Error Coefficients	
Standard Error:	399000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.343394	50.0	379447.0	0.686789	Y
2	STD010 280-527052/14	1.0	0.61079	50.0	381637.0	0.61079	Y
3	STD020 280-527052/15	2.0	1.214982	50.0	383092.0	0.607491	Y
4	STD050 280-527052/16	5.0	3.124269	50.0	376088.0	0.624854	Y
5	STD10 280-527052/17	10.0	5.78201	50.0	382220.0	0.578201	Y
6	ICIS 280-527052/18	50.0	29.98034	50.0	390636.0	0.599607	Y
7	STD75 280-527052/19	75.0	42.853268	50.0	390808.0	0.571377	Y
8	STD100 280-527052/20	100.0	56.706619	50.0	399978.0	0.567066	Y
9	STD200 280-527052/21	200.0	119.450471	50.0	397286.0	0.597252	Y



Calibration

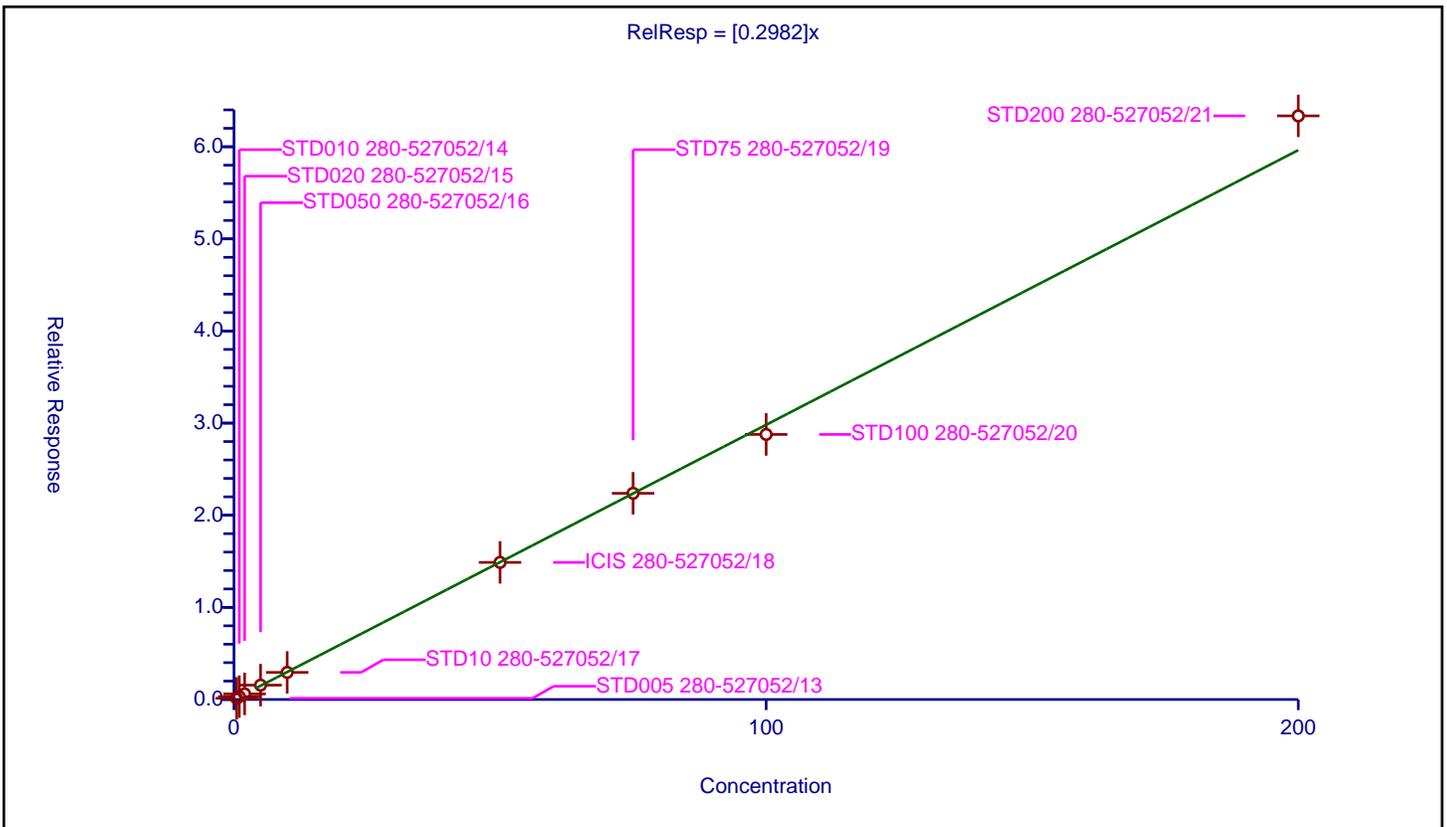
/ trans-1,4-Dichloro-2-butene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2982

Error Coefficients	
Standard Error:	209000
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.13098	50.0	379447.0	0.26196	Y
2	STD010 280-527052/14	1.0	0.312339	50.0	381637.0	0.312339	Y
3	STD020 280-527052/15	2.0	0.606121	50.0	383092.0	0.30306	Y
4	STD050 280-527052/16	5.0	1.557215	50.0	376088.0	0.311443	Y
5	STD10 280-527052/17	10.0	2.941892	50.0	382220.0	0.294189	Y
6	ICIS 280-527052/18	50.0	14.881501	50.0	390636.0	0.29763	Y
7	STD75 280-527052/19	75.0	22.382218	50.0	390808.0	0.29843	Y
8	STD100 280-527052/20	100.0	28.771457	50.0	399978.0	0.287715	Y
9	STD200 280-527052/21	200.0	63.348192	50.0	397286.0	0.316741	Y



Calibration

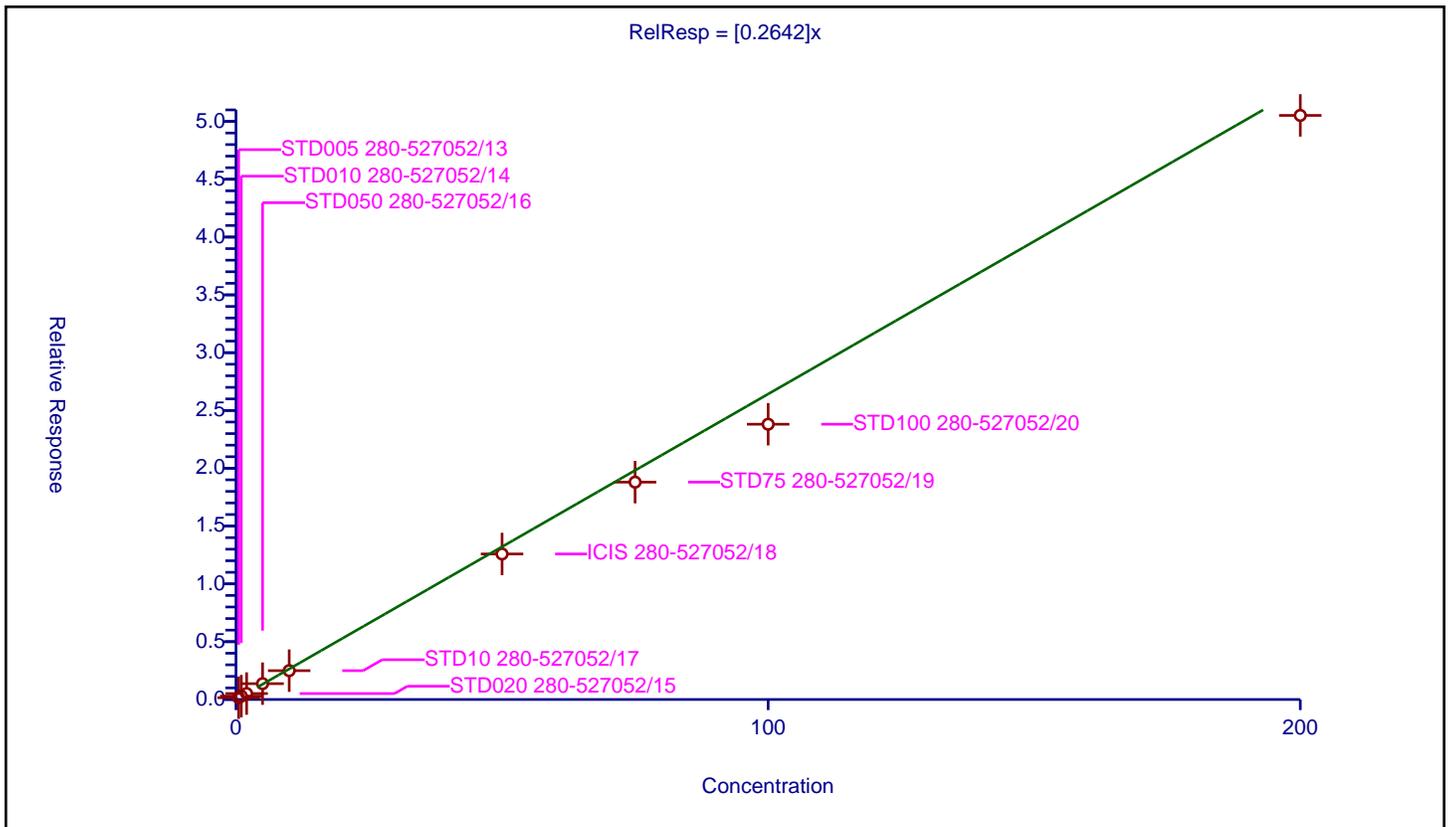
/ 1,2,3-Trichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2642

Error Coefficients	
Standard Error:	169000
Relative Standard Error:	9.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.155885	50.0	379447.0	0.311769	Y
2	STD010 280-527052/14	1.0	0.292424	50.0	381637.0	0.292424	Y
3	STD020 280-527052/15	2.0	0.513845	50.0	383092.0	0.256923	Y
4	STD050 280-527052/16	5.0	1.371089	50.0	376088.0	0.274218	Y
5	STD10 280-527052/17	10.0	2.494637	50.0	382220.0	0.249464	Y
6	ICIS 280-527052/18	50.0	12.587678	50.0	390636.0	0.251754	Y
7	STD75 280-527052/19	75.0	18.801432	50.0	390808.0	0.250686	Y
8	STD100 280-527052/20	100.0	23.80981	50.0	399978.0	0.238098	Y
9	STD200 280-527052/21	200.0	50.523175	50.0	397286.0	0.252616	Y



Calibration

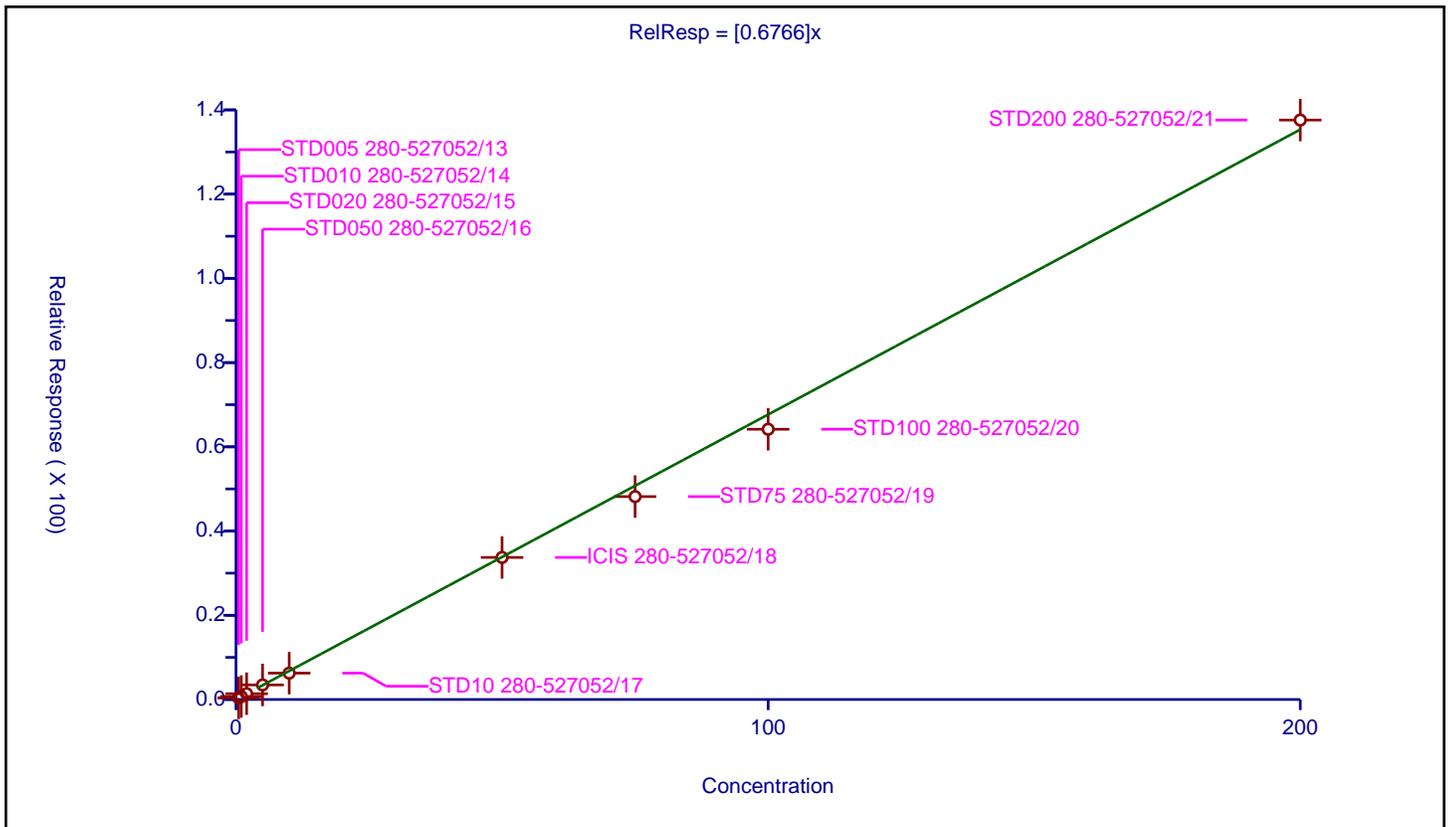
/ N-Propylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6766

Error Coefficients	
Standard Error:	457000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.362106	50.0	379447.0	0.724212	Y
2	STD010 280-527052/14	1.0	0.713243	50.0	381637.0	0.713243	Y
3	STD020 280-527052/15	2.0	1.37591	50.0	383092.0	0.687955	Y
4	STD050 280-527052/16	5.0	3.456638	50.0	376088.0	0.691328	Y
5	STD10 280-527052/17	10.0	6.262624	50.0	382220.0	0.626262	Y
6	ICIS 280-527052/18	50.0	33.732554	50.0	390636.0	0.674651	Y
7	STD75 280-527052/19	75.0	48.178261	50.0	390808.0	0.642377	Y
8	STD100 280-527052/20	100.0	64.171029	50.0	399978.0	0.64171	Y
9	STD200 280-527052/21	200.0	137.589042	50.0	397286.0	0.687945	Y



Calibration

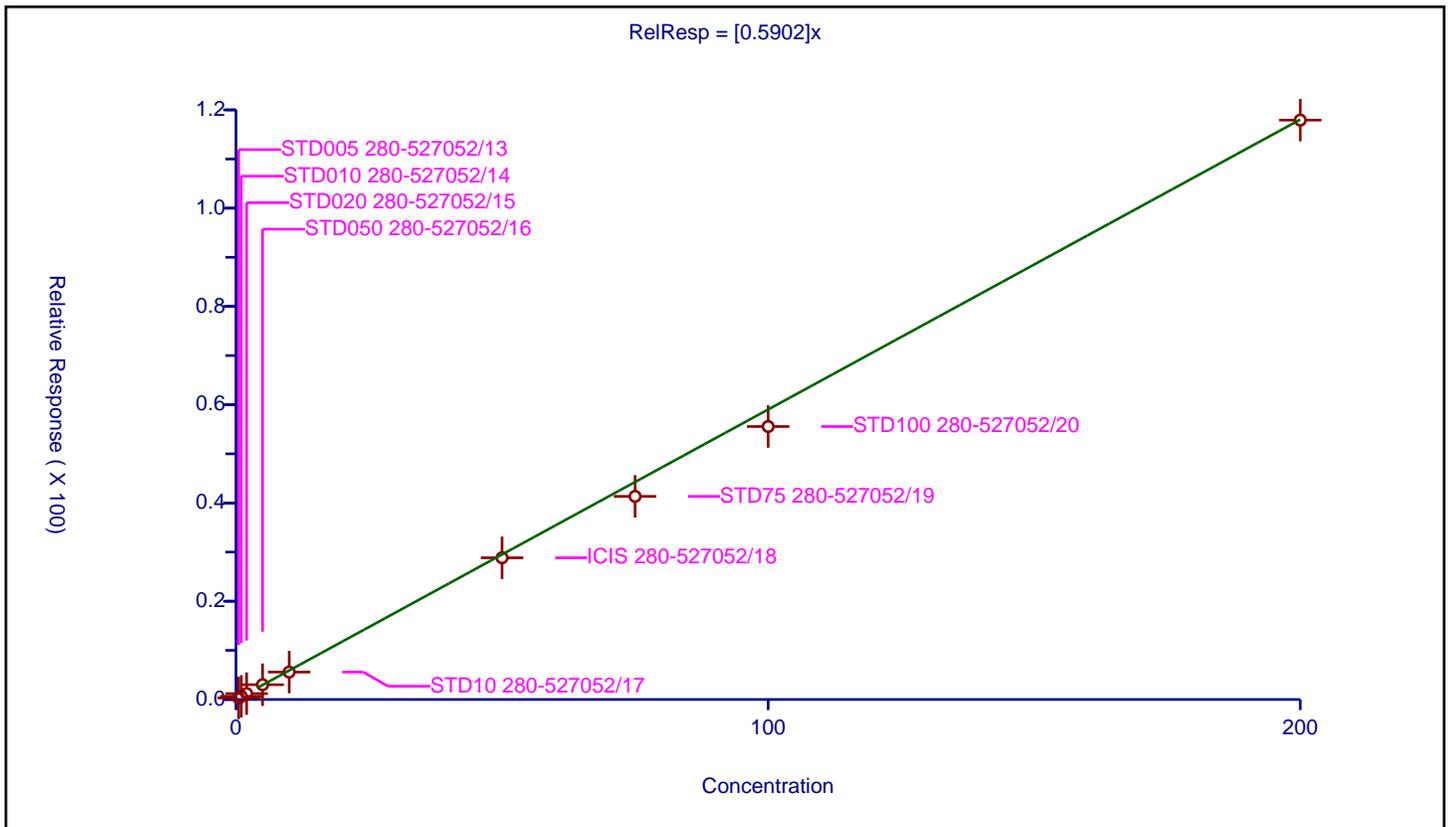
/ 2-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5902

Error Coefficients	
Standard Error:	393000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.318094	50.0	379447.0	0.636189	Y
2	STD010 280-527052/14	1.0	0.644068	50.0	381637.0	0.644068	Y
3	STD020 280-527052/15	2.0	1.198015	50.0	383092.0	0.599008	Y
4	STD050 280-527052/16	5.0	3.00661	50.0	376088.0	0.601322	Y
5	STD10 280-527052/17	10.0	5.58121	50.0	382220.0	0.558121	Y
6	ICIS 280-527052/18	50.0	28.84002	50.0	390636.0	0.5768	Y
7	STD75 280-527052/19	75.0	41.338202	50.0	390808.0	0.551176	Y
8	STD100 280-527052/20	100.0	55.554806	50.0	399978.0	0.555548	Y
9	STD200 280-527052/21	200.0	117.916438	50.0	397286.0	0.589582	Y



Calibration

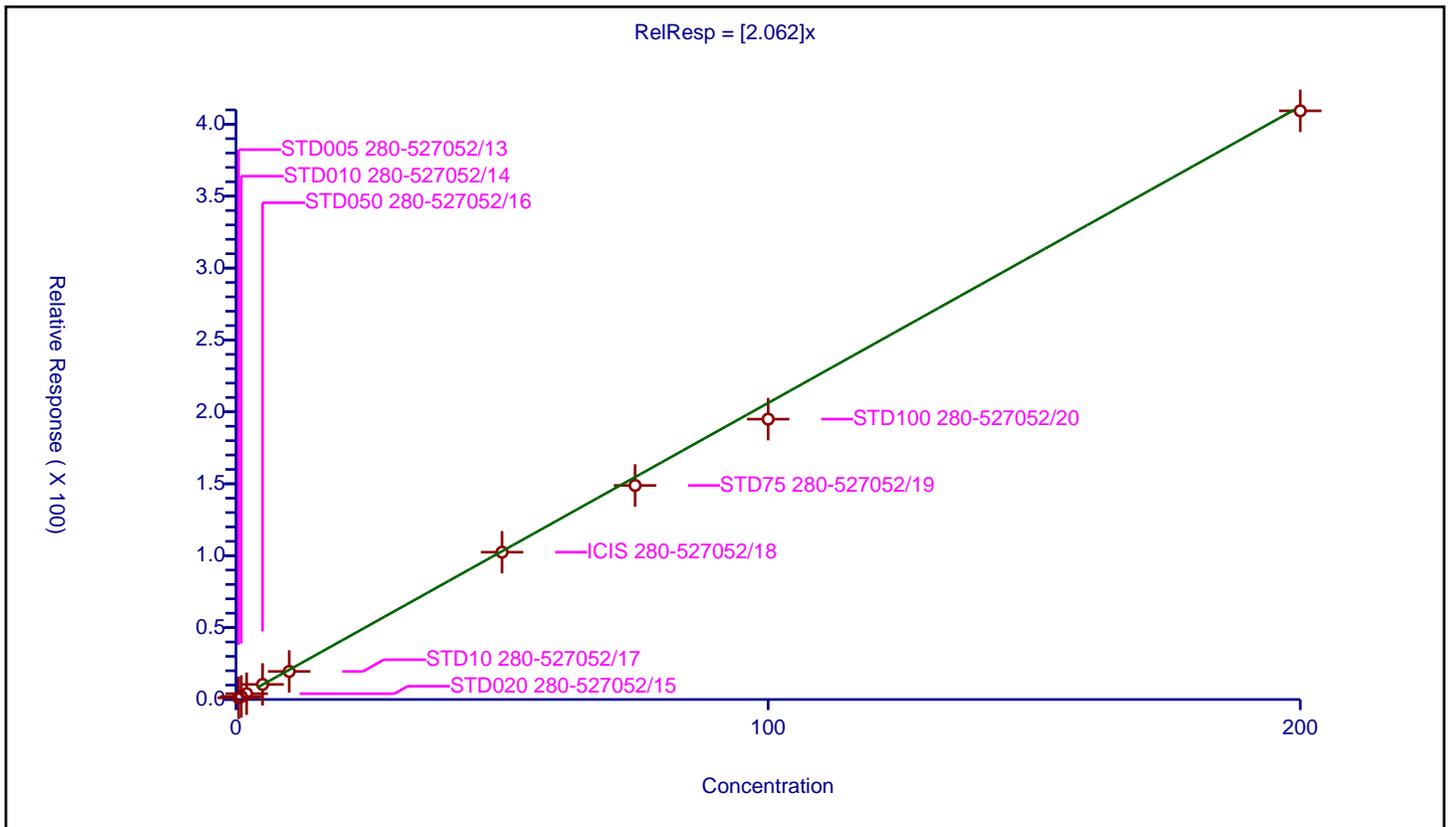
/ 1,3,5-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.062

Error Coefficients	
Standard Error:	1370000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	1.179611	50.0	379447.0	2.359223	Y
2	STD010 280-527052/14	1.0	2.099508	50.0	381637.0	2.099508	Y
3	STD020 280-527052/15	2.0	4.042241	50.0	383092.0	2.02112	Y
4	STD050 280-527052/16	5.0	10.485977	50.0	376088.0	2.097195	Y
5	STD10 280-527052/17	10.0	19.509314	50.0	382220.0	1.950931	Y
6	ICIS 280-527052/18	50.0	102.440379	50.0	390636.0	2.048808	Y
7	STD75 280-527052/19	75.0	148.850331	50.0	390808.0	1.984671	Y
8	STD100 280-527052/20	100.0	194.956723	50.0	399978.0	1.949567	Y
9	STD200 280-527052/21	200.0	409.338235	50.0	397286.0	2.046691	Y



Calibration

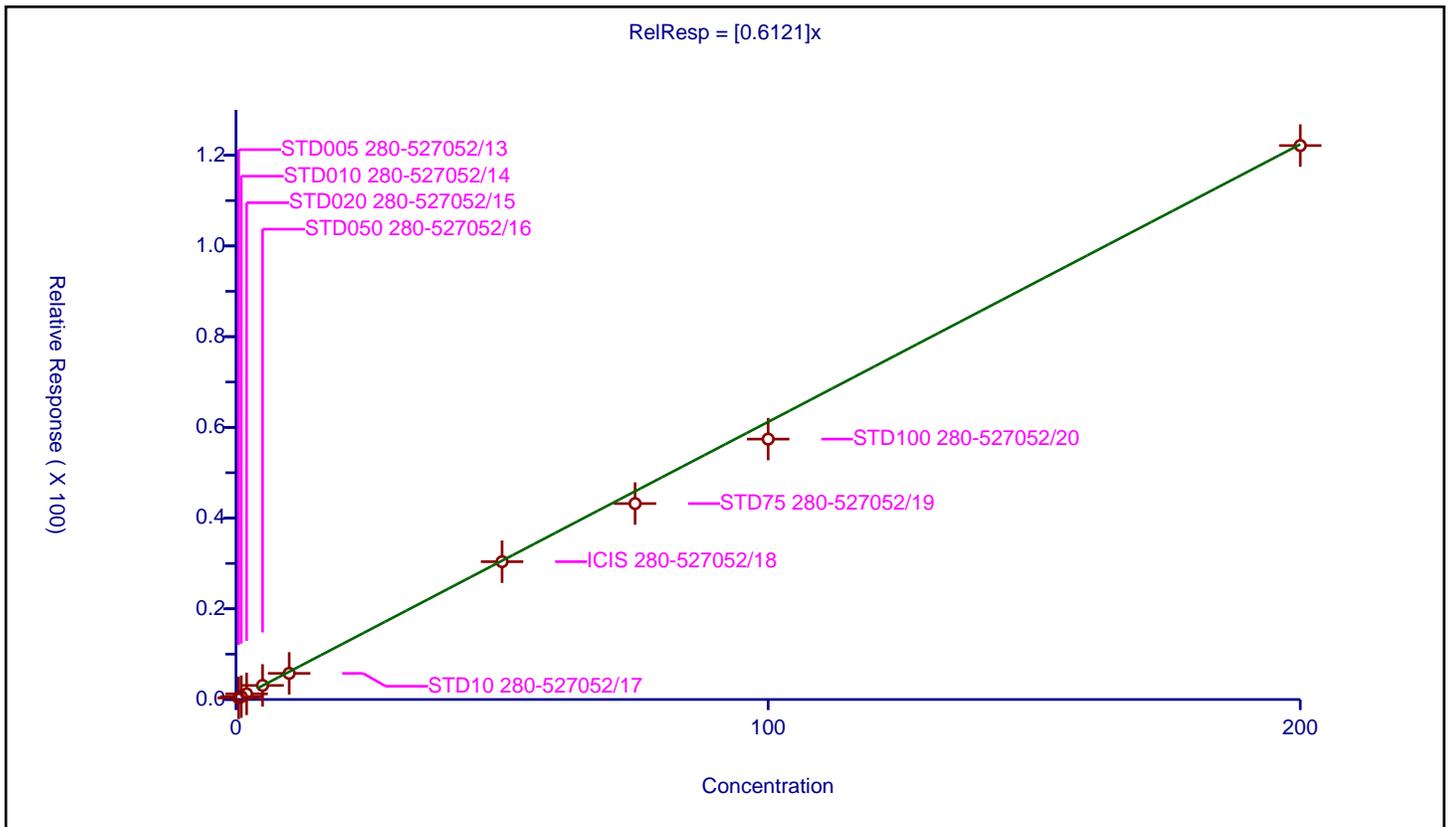
/ 4-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6121

Error Coefficients	
Standard Error:	407000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.347216	50.0	379447.0	0.694432	Y
2	STD010 280-527052/14	1.0	0.629132	50.0	381637.0	0.629132	Y
3	STD020 280-527052/15	2.0	1.240042	50.0	383092.0	0.620021	Y
4	STD050 280-527052/16	5.0	3.101934	50.0	376088.0	0.620387	Y
5	STD10 280-527052/17	10.0	5.759772	50.0	382220.0	0.575977	Y
6	ICIS 280-527052/18	50.0	30.384424	50.0	390636.0	0.607688	Y
7	STD75 280-527052/19	75.0	43.203184	50.0	390808.0	0.576042	Y
8	STD100 280-527052/20	100.0	57.410908	50.0	399978.0	0.574109	Y
9	STD200 280-527052/21	200.0	122.13418	50.0	397286.0	0.610671	Y



Calibration

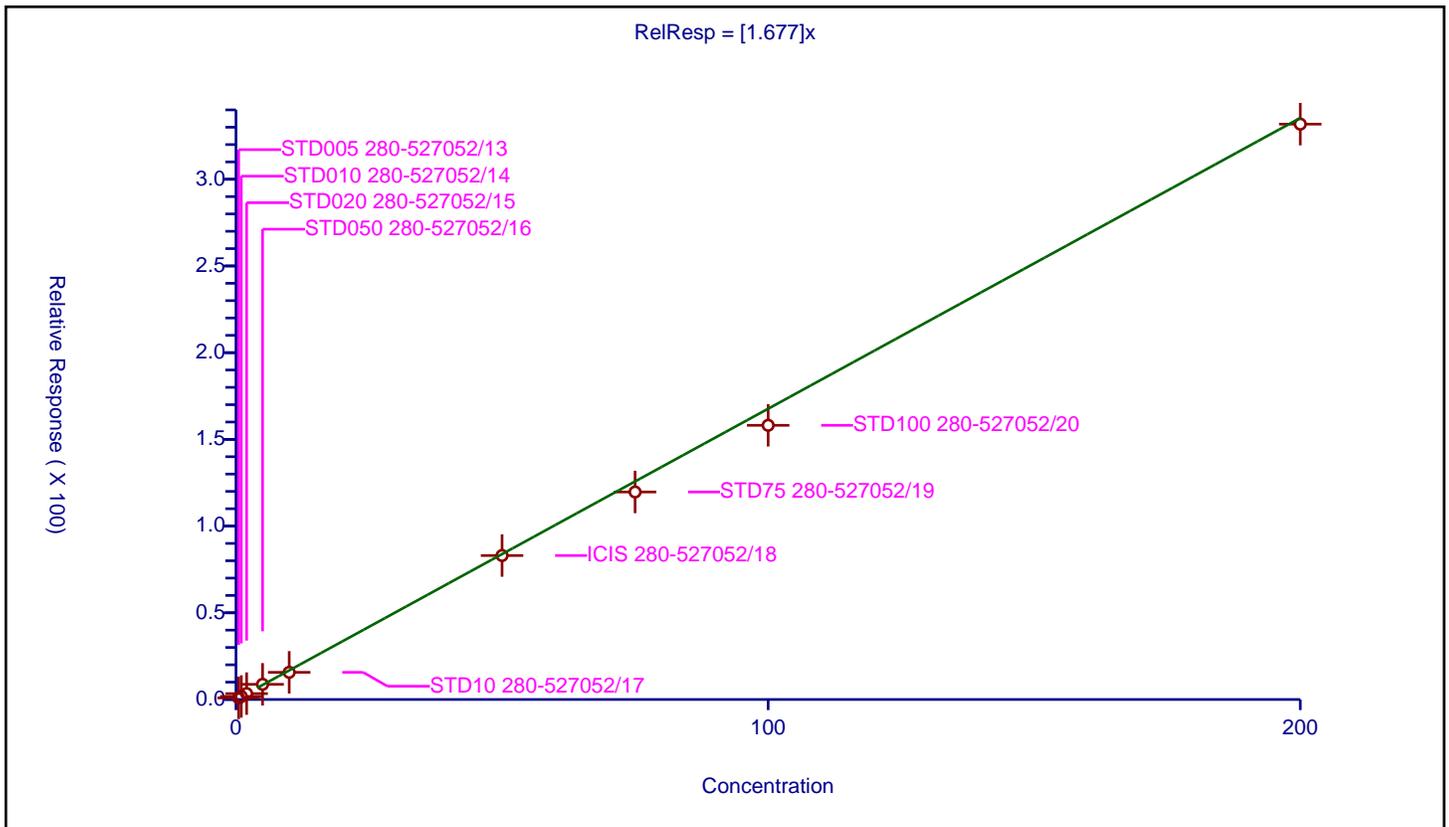
/ tert-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.677

Error Coefficients	
Standard Error:	1110000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.908032	50.0	379447.0	1.816064	Y
2	STD010 280-527052/14	1.0	1.757036	50.0	381637.0	1.757036	Y
3	STD020 280-527052/15	2.0	3.408581	50.0	383092.0	1.70429	Y
4	STD050 280-527052/16	5.0	8.751409	50.0	376088.0	1.750282	Y
5	STD10 280-527052/17	10.0	15.66467	50.0	382220.0	1.566467	Y
6	ICIS 280-527052/18	50.0	83.019742	50.0	390636.0	1.660395	Y
7	STD75 280-527052/19	75.0	119.666051	50.0	390808.0	1.595547	Y
8	STD100 280-527052/20	100.0	158.113321	50.0	399978.0	1.581133	Y
9	STD200 280-527052/21	200.0	331.781764	50.0	397286.0	1.658909	Y



Calibration

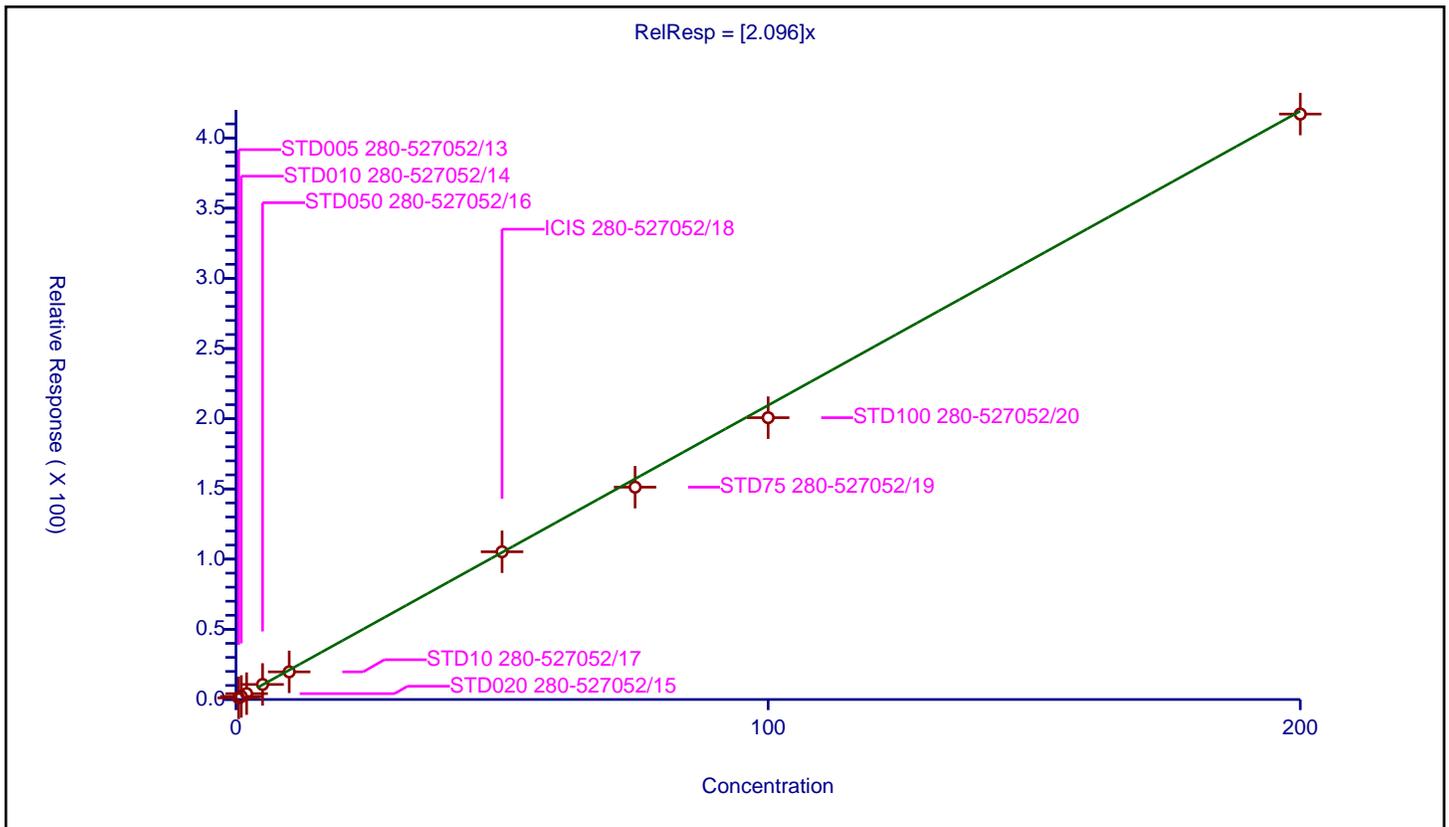
/ 1,2,4-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.096

Error Coefficients	
Standard Error:	1400000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	1.134546	50.0	379447.0	2.269092	Y
2	STD010 280-527052/14	1.0	2.172614	50.0	381637.0	2.172614	Y
3	STD020 280-527052/15	2.0	4.181111	50.0	383092.0	2.090555	Y
4	STD050 280-527052/16	5.0	10.727144	50.0	376088.0	2.145429	Y
5	STD10 280-527052/17	10.0	19.695987	50.0	382220.0	1.969599	Y
6	ICIS 280-527052/18	50.0	105.232749	50.0	390636.0	2.104655	Y
7	STD75 280-527052/19	75.0	151.250614	50.0	390808.0	2.016675	Y
8	STD100 280-527052/20	100.0	200.756917	50.0	399978.0	2.007569	Y
9	STD200 280-527052/21	200.0	417.029923	50.0	397286.0	2.08515	Y



Calibration

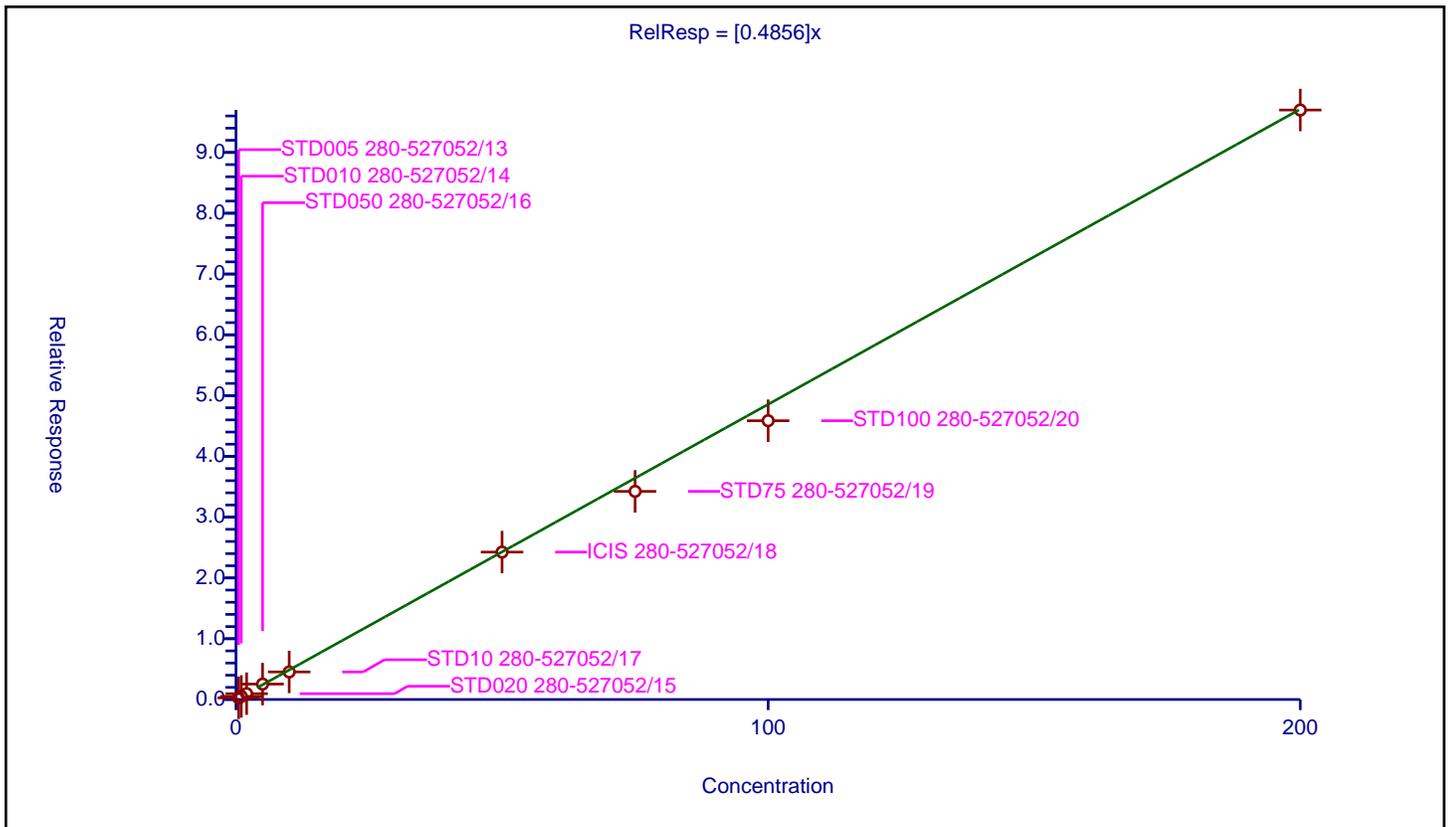
/ sec-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4856

Error Coefficients	
Standard Error:	324000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.268417	50.0	379447.0	0.536834	Y
2	STD010 280-527052/14	1.0	0.508729	50.0	381637.0	0.508729	Y
3	STD020 280-527052/15	2.0	0.957864	50.0	383092.0	0.478932	Y
4	STD050 280-527052/16	5.0	2.537172	50.0	376088.0	0.507434	Y
5	STD10 280-527052/17	10.0	4.533384	50.0	382220.0	0.453338	Y
6	ICIS 280-527052/18	50.0	24.250965	50.0	390636.0	0.485019	Y
7	STD75 280-527052/19	75.0	34.242262	50.0	390808.0	0.456563	Y
8	STD100 280-527052/20	100.0	45.861772	50.0	399978.0	0.458618	Y
9	STD200 280-527052/21	200.0	96.977996	50.0	397286.0	0.48489	Y



Calibration

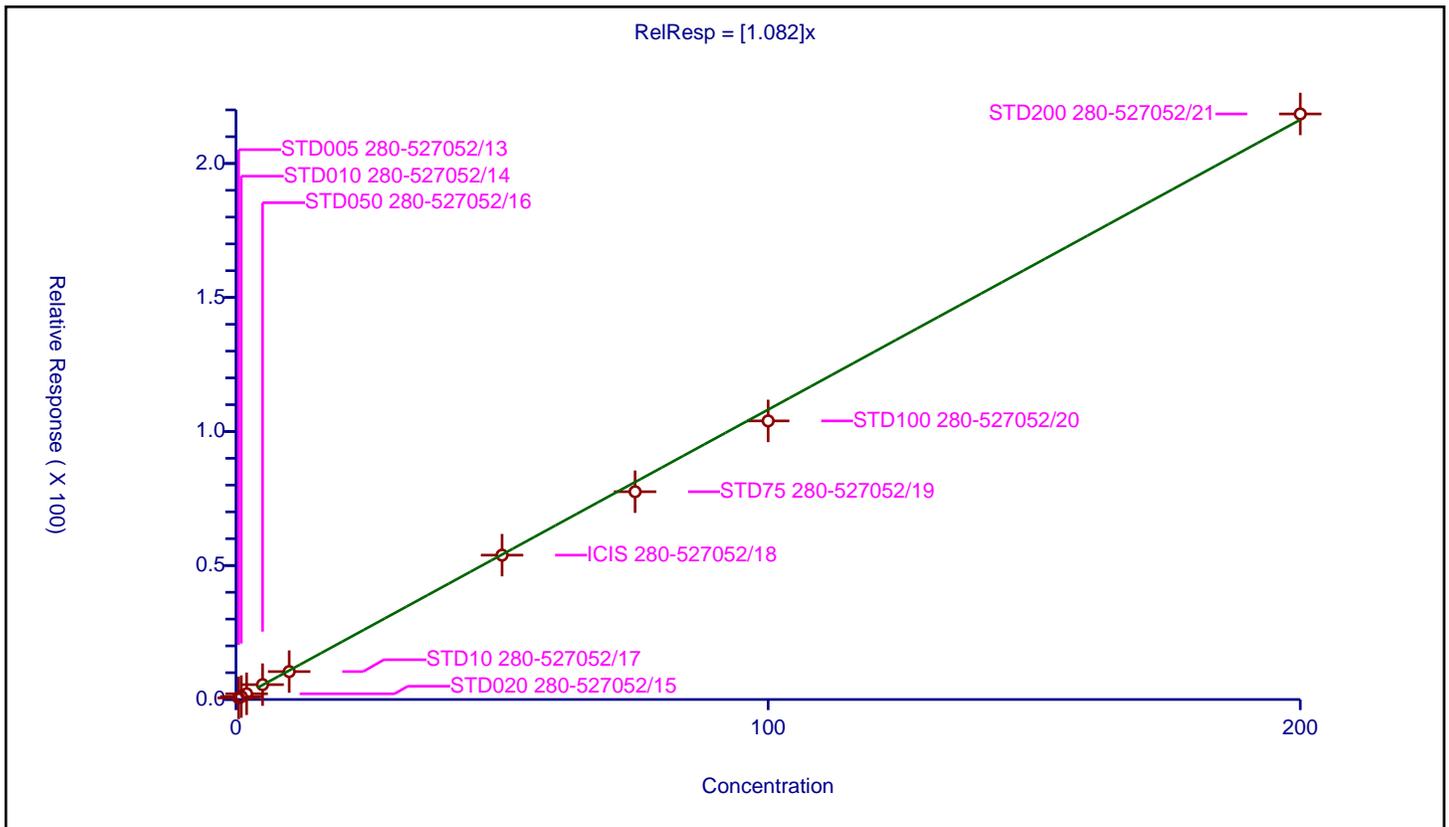
/ 1,3-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.082

Error Coefficients	
Standard Error:	729000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.590992	50.0	379447.0	1.181983	Y
2	STD010 280-527052/14	1.0	1.096199	50.0	381637.0	1.096199	Y
3	STD020 280-527052/15	2.0	2.127296	50.0	383092.0	1.063648	Y
4	STD050 280-527052/16	5.0	5.542187	50.0	376088.0	1.108437	Y
5	STD10 280-527052/17	10.0	10.410758	50.0	382220.0	1.041076	Y
6	ICIS 280-527052/18	50.0	53.868819	50.0	390636.0	1.077376	Y
7	STD75 280-527052/19	75.0	77.532062	50.0	390808.0	1.033761	Y
8	STD100 280-527052/20	100.0	103.949467	50.0	399978.0	1.039495	Y
9	STD200 280-527052/21	200.0	218.489954	50.0	397286.0	1.09245	Y



Calibration

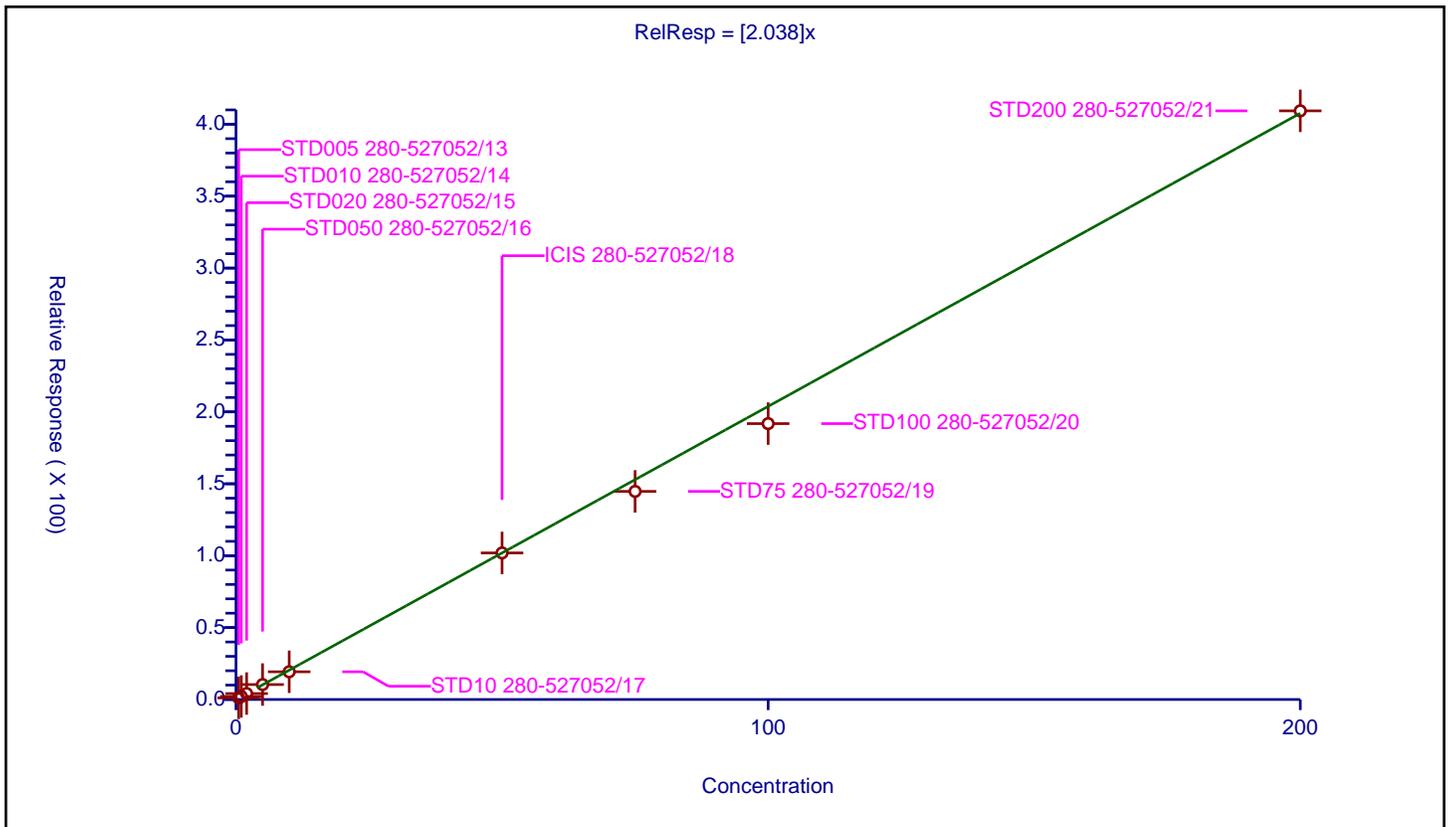
/ 4-Isopropyltoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.038

Error Coefficients	
Standard Error:	1360000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	1.111091	50.0	379447.0	2.222181	Y
2	STD010 280-527052/14	1.0	2.120208	50.0	381637.0	2.120208	Y
3	STD020 280-527052/15	2.0	4.130209	50.0	383092.0	2.065104	Y
4	STD050 280-527052/16	5.0	10.384671	50.0	376088.0	2.076934	Y
5	STD10 280-527052/17	10.0	19.270446	50.0	382220.0	1.927045	Y
6	ICIS 280-527052/18	50.0	101.917898	50.0	390636.0	2.038358	Y
7	STD75 280-527052/19	75.0	144.719786	50.0	390808.0	1.929597	Y
8	STD100 280-527052/20	100.0	191.847427	50.0	399978.0	1.918474	Y
9	STD200 280-527052/21	200.0	409.334711	50.0	397286.0	2.046674	Y



Calibration

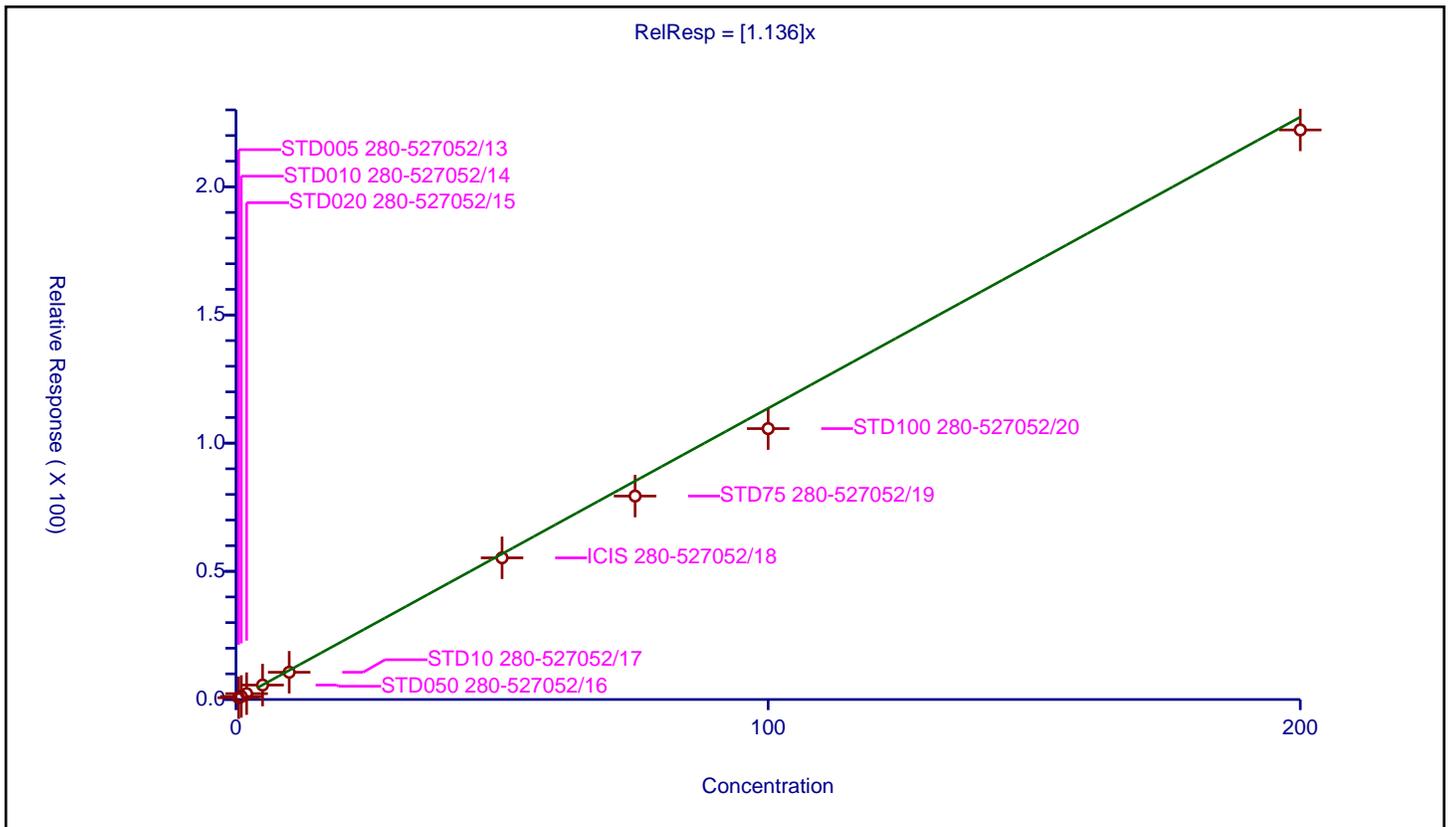
/ 1,4-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.136

Error Coefficients	
Standard Error:	742000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.689688	50.0	379447.0	1.379376	Y
2	STD010 280-527052/14	1.0	1.181096	50.0	381637.0	1.181096	Y
3	STD020 280-527052/15	2.0	2.29005	50.0	383092.0	1.145025	Y
4	STD050 280-527052/16	5.0	5.627672	50.0	376088.0	1.125534	Y
5	STD10 280-527052/17	10.0	10.624379	50.0	382220.0	1.062438	Y
6	ICIS 280-527052/18	50.0	55.263084	50.0	390636.0	1.105262	Y
7	STD75 280-527052/19	75.0	79.361093	50.0	390808.0	1.058148	Y
8	STD100 280-527052/20	100.0	105.670062	50.0	399978.0	1.056701	Y
9	STD200 280-527052/21	200.0	222.184019	50.0	397286.0	1.11092	Y



Calibration

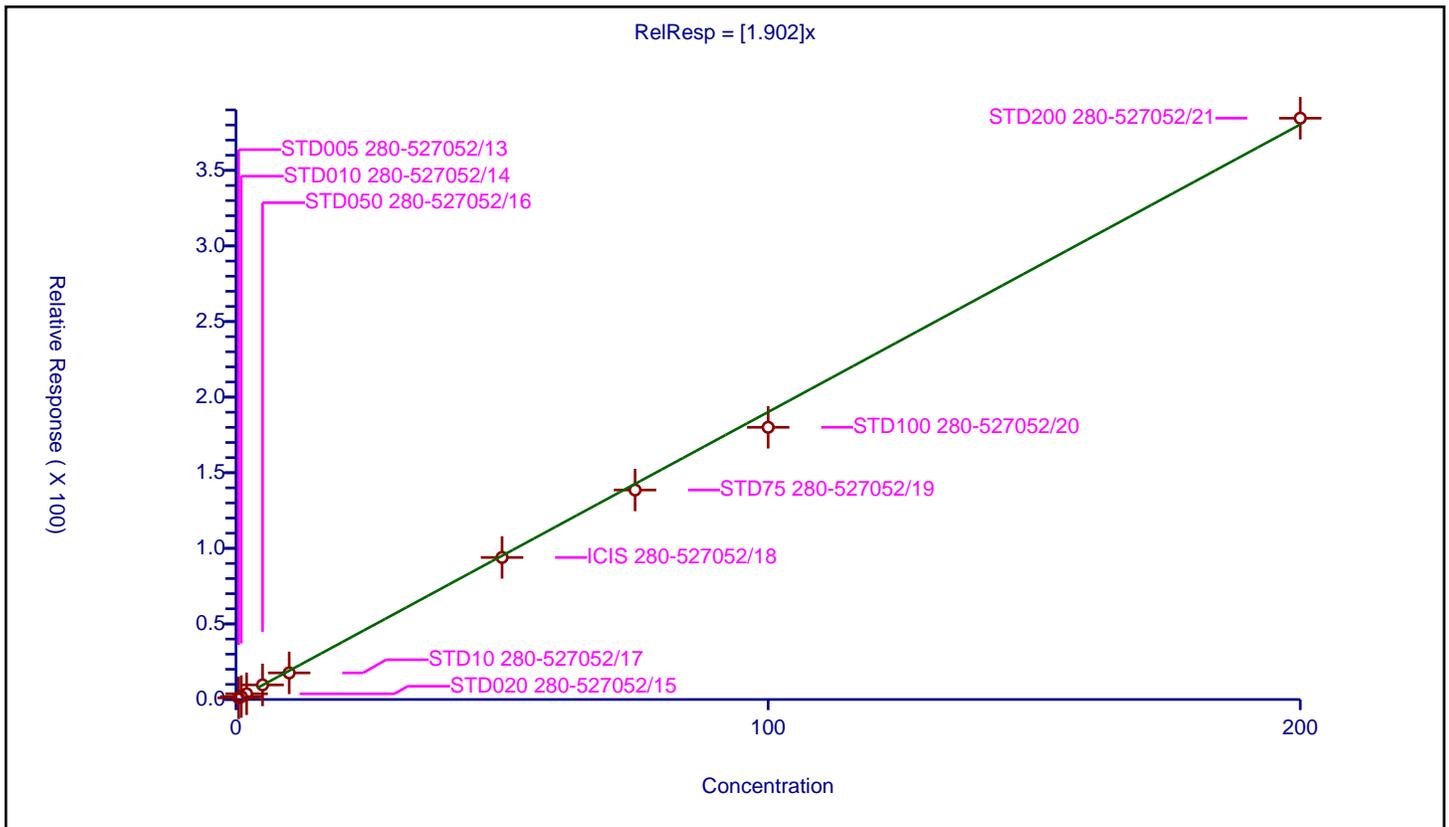
/ n-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.902

Error Coefficients	
Standard Error:	1280000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	1.07683	50.0	379447.0	2.15366	Y
2	STD010 280-527052/14	1.0	1.93181	50.0	381637.0	1.93181	Y
3	STD020 280-527052/15	2.0	3.775594	50.0	383092.0	1.887797	Y
4	STD050 280-527052/16	5.0	9.660372	50.0	376088.0	1.932074	Y
5	STD10 280-527052/17	10.0	17.599681	50.0	382220.0	1.759968	Y
6	ICIS 280-527052/18	50.0	93.940011	50.0	390636.0	1.8788	Y
7	STD75 280-527052/19	75.0	138.587107	50.0	390808.0	1.847828	Y
8	STD100 280-527052/20	100.0	180.044152	50.0	399978.0	1.800442	Y
9	STD200 280-527052/21	200.0	384.510907	50.0	397286.0	1.922555	Y



**Calibration**

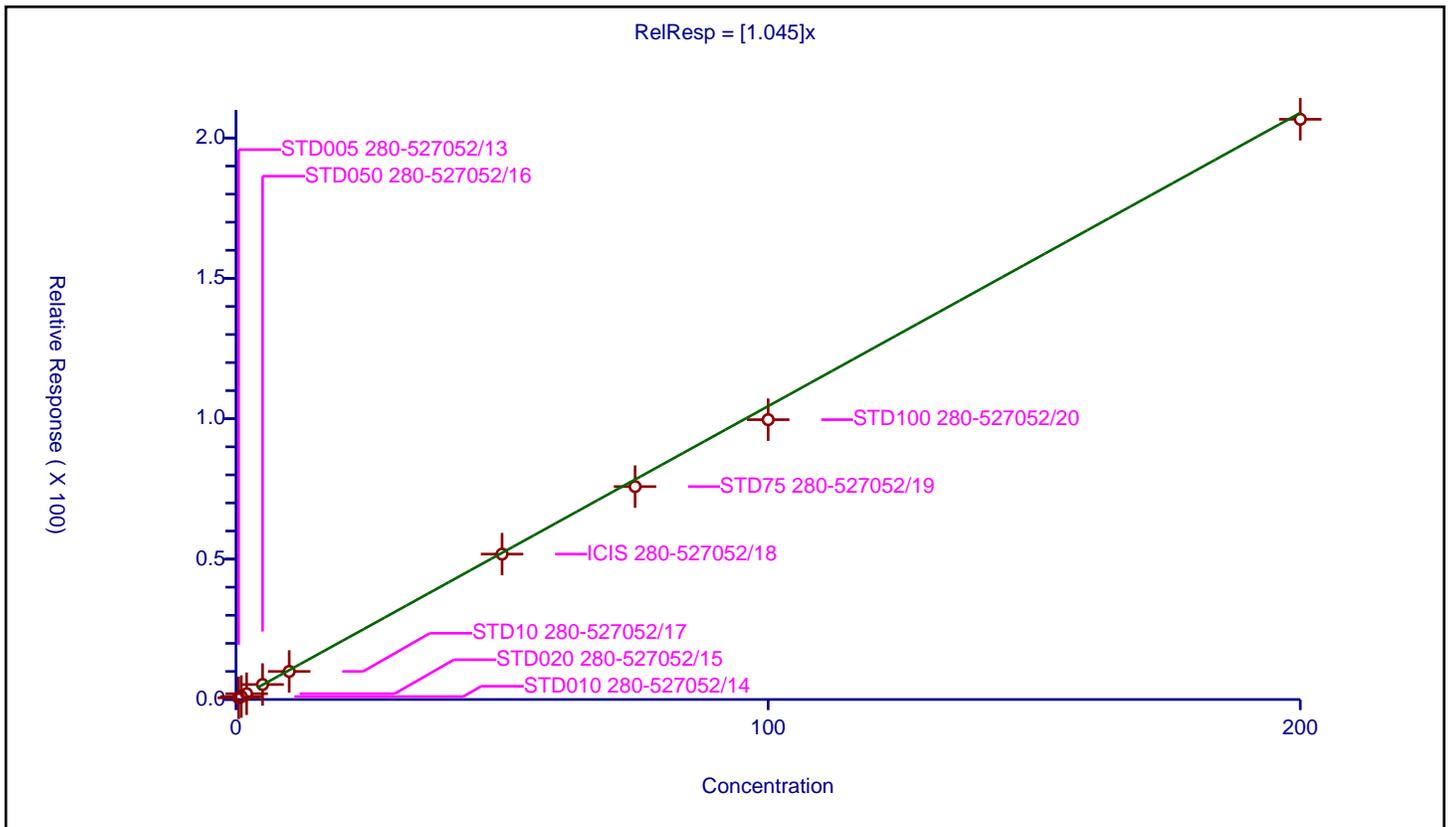
/ 1,2-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.045

Error Coefficients	
Standard Error:	694000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.595999	50.0	379447.0	1.191998	Y
2	STD010 280-527052/14	1.0	1.040125	50.0	381637.0	1.040125	Y
3	STD020 280-527052/15	2.0	2.052771	50.0	383092.0	1.026385	Y
4	STD050 280-527052/16	5.0	5.337182	50.0	376088.0	1.067436	Y
5	STD10 280-527052/17	10.0	9.996337	50.0	382220.0	0.999634	Y
6	ICIS 280-527052/18	50.0	51.78619	50.0	390636.0	1.035724	Y
7	STD75 280-527052/19	75.0	75.826621	50.0	390808.0	1.011022	Y
8	STD100 280-527052/20	100.0	99.662856	50.0	399978.0	0.996629	Y
9	STD200 280-527052/21	200.0	206.657798	50.0	397286.0	1.033289	Y



Calibration

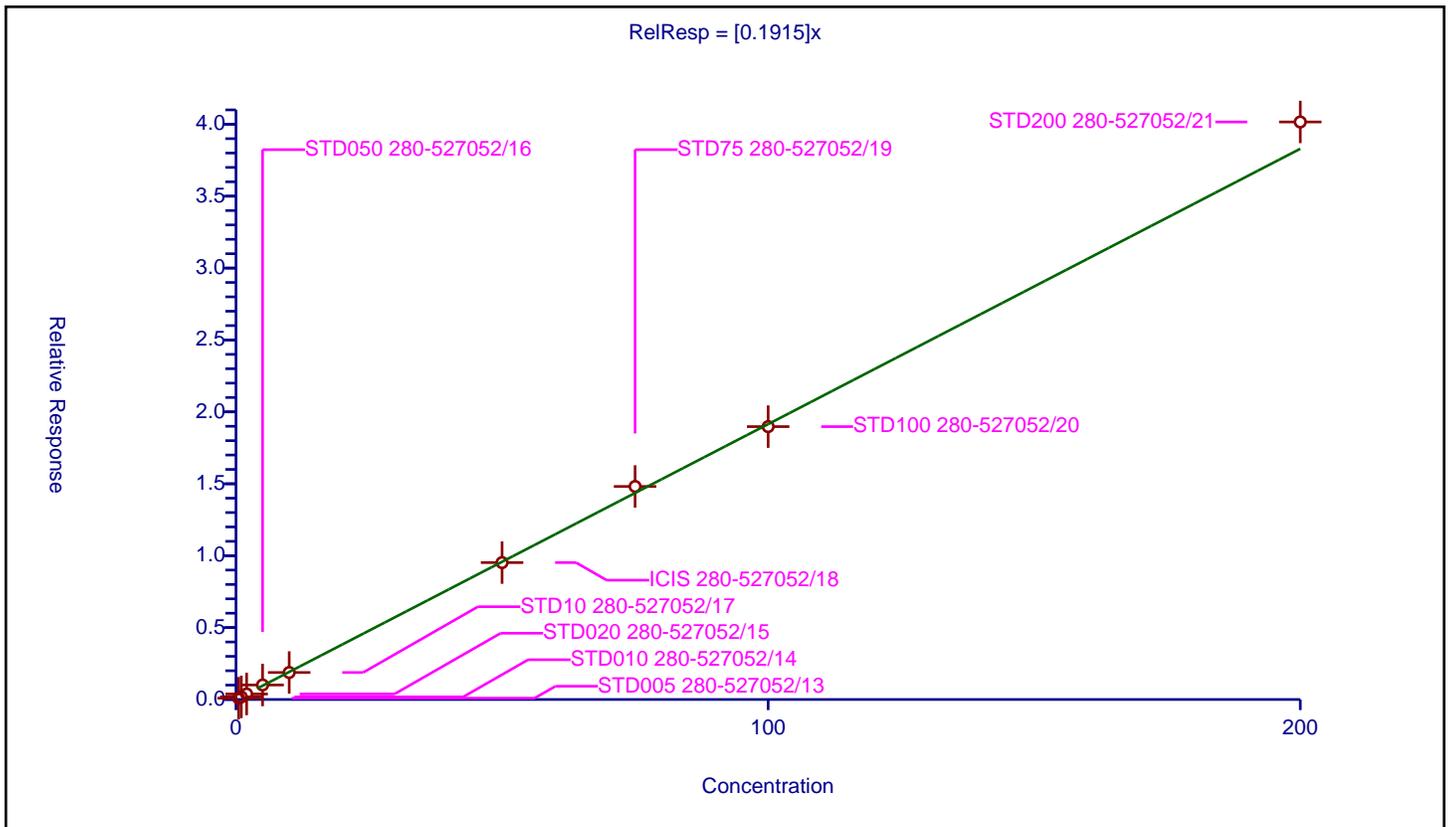
/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1915

Error Coefficients	
Standard Error:	134000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.091185	50.0	379447.0	0.182371	Y
2	STD010 280-527052/14	1.0	0.181455	50.0	381637.0	0.181455	Y
3	STD020 280-527052/15	2.0	0.382806	50.0	383092.0	0.191403	Y
4	STD050 280-527052/16	5.0	1.009205	50.0	376088.0	0.201841	Y
5	STD10 280-527052/17	10.0	1.877845	50.0	382220.0	0.187785	Y
6	ICIS 280-527052/18	50.0	9.519604	50.0	390636.0	0.190392	Y
7	STD75 280-527052/19	75.0	14.813412	50.0	390808.0	0.197512	Y
8	STD100 280-527052/20	100.0	18.974794	50.0	399978.0	0.189748	Y
9	STD200 280-527052/21	200.0	40.161118	50.0	397286.0	0.200806	Y



Calibration

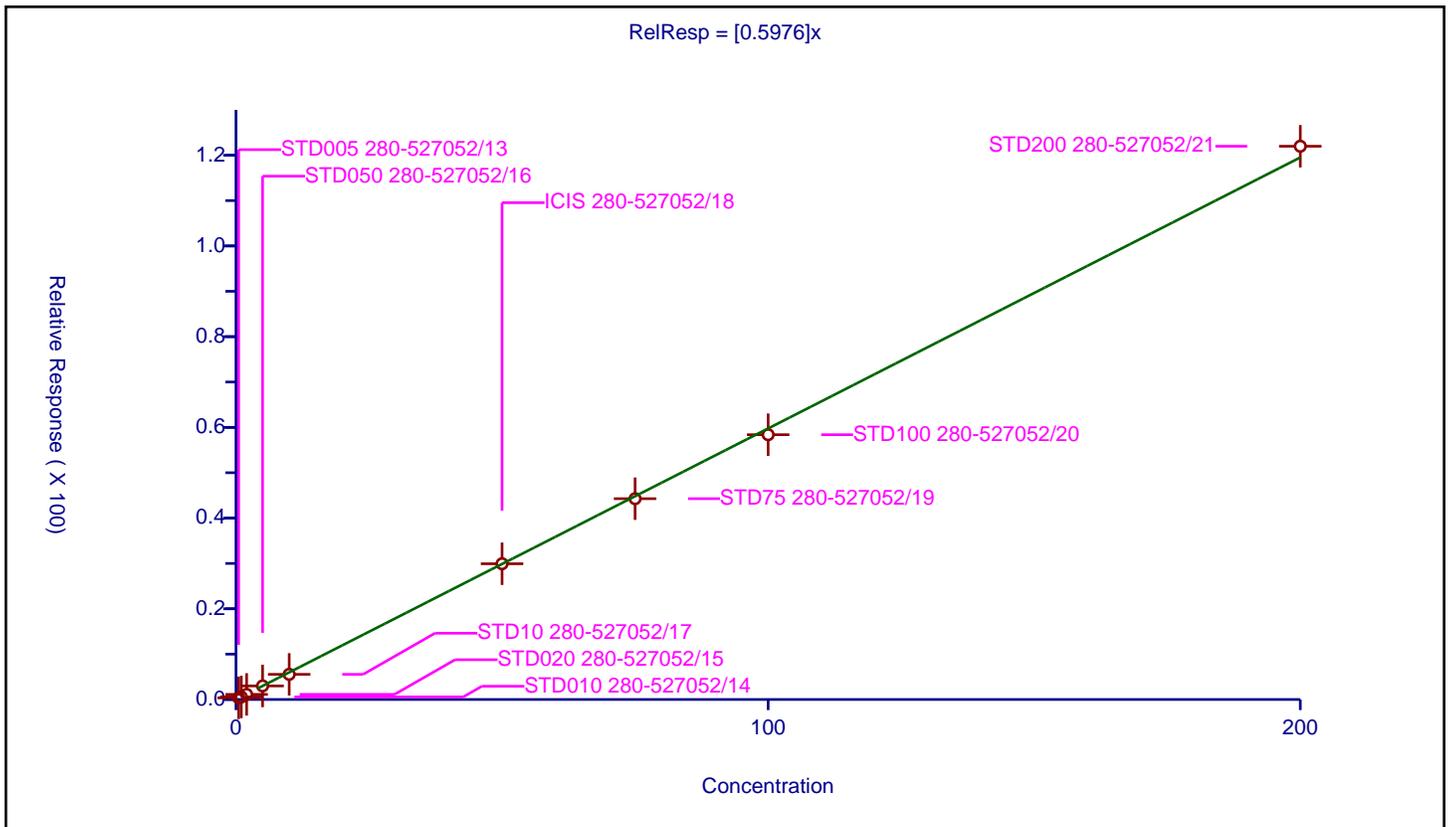
/ 1,2,4-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5976

Error Coefficients	
Standard Error:	408000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.357362	50.0	379447.0	0.714724	Y
2	STD010 280-527052/14	1.0	0.565328	50.0	381637.0	0.565328	Y
3	STD020 280-527052/15	2.0	1.125448	50.0	383092.0	0.562724	Y
4	STD050 280-527052/16	5.0	2.990523	50.0	376088.0	0.598105	Y
5	STD10 280-527052/17	10.0	5.543404	50.0	382220.0	0.55434	Y
6	ICIS 280-527052/18	50.0	29.932469	50.0	390636.0	0.598649	Y
7	STD75 280-527052/19	75.0	44.27852	50.0	390808.0	0.59038	Y
8	STD100 280-527052/20	100.0	58.384461	50.0	399978.0	0.583845	Y
9	STD200 280-527052/21	200.0	121.986176	50.0	397286.0	0.609931	Y



Calibration

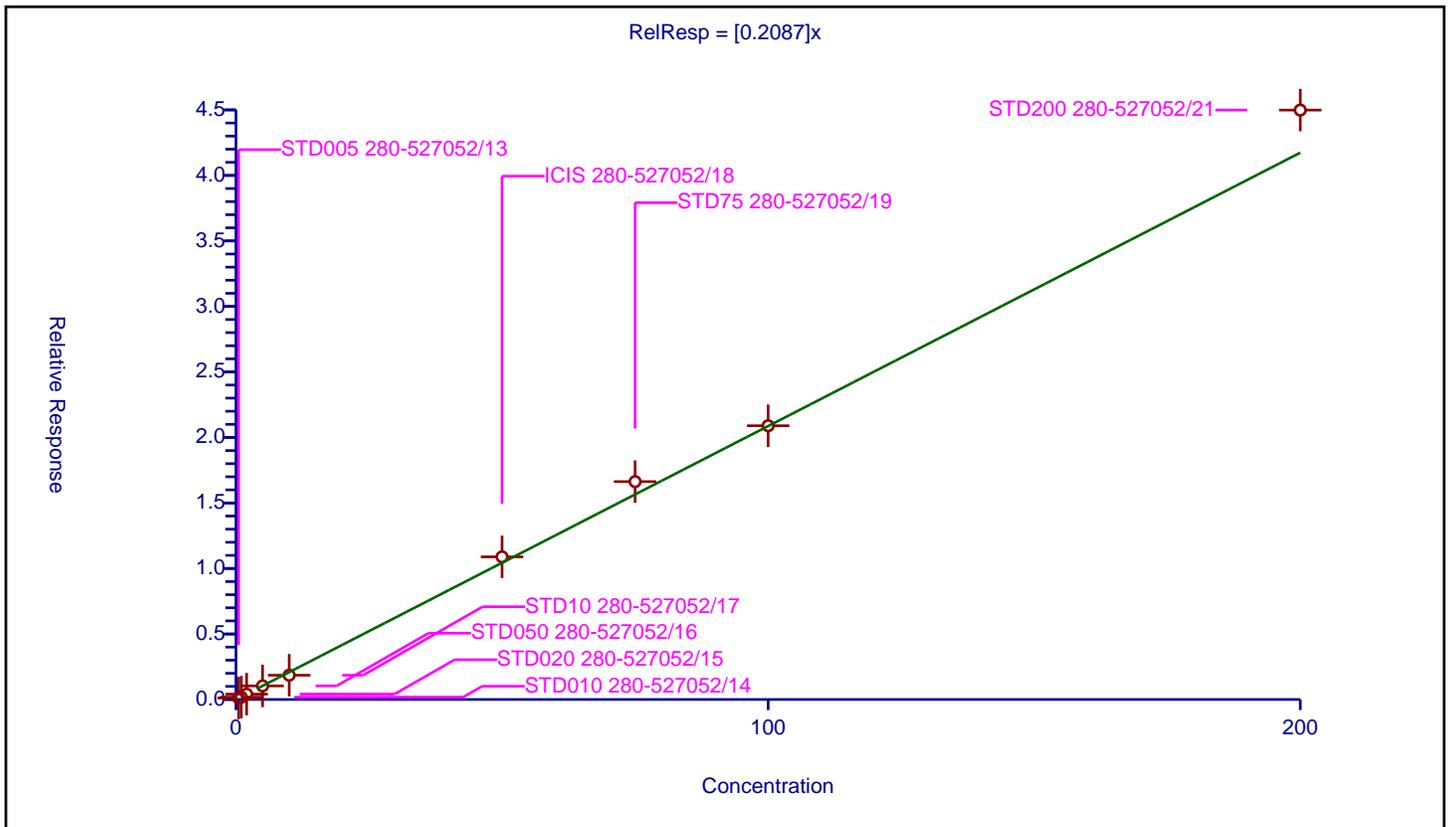
/ Hexachlorobutadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2087

Error Coefficients	
Standard Error:	150000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.113586	50.0	379447.0	0.227173	Y
2	STD010 280-527052/14	1.0	0.180276	50.0	381637.0	0.180276	Y
3	STD020 280-527052/15	2.0	0.40891	50.0	383092.0	0.204455	Y
4	STD050 280-527052/16	5.0	1.037124	50.0	376088.0	0.207425	Y
5	STD10 280-527052/17	10.0	1.853383	50.0	382220.0	0.185338	Y
6	ICIS 280-527052/18	50.0	10.886477	50.0	390636.0	0.21773	Y
7	STD75 280-527052/19	75.0	16.629266	50.0	390808.0	0.221724	Y
8	STD100 280-527052/20	100.0	20.893024	50.0	399978.0	0.20893	Y
9	STD200 280-527052/21	200.0	44.985225	50.0	397286.0	0.224926	Y



Calibration

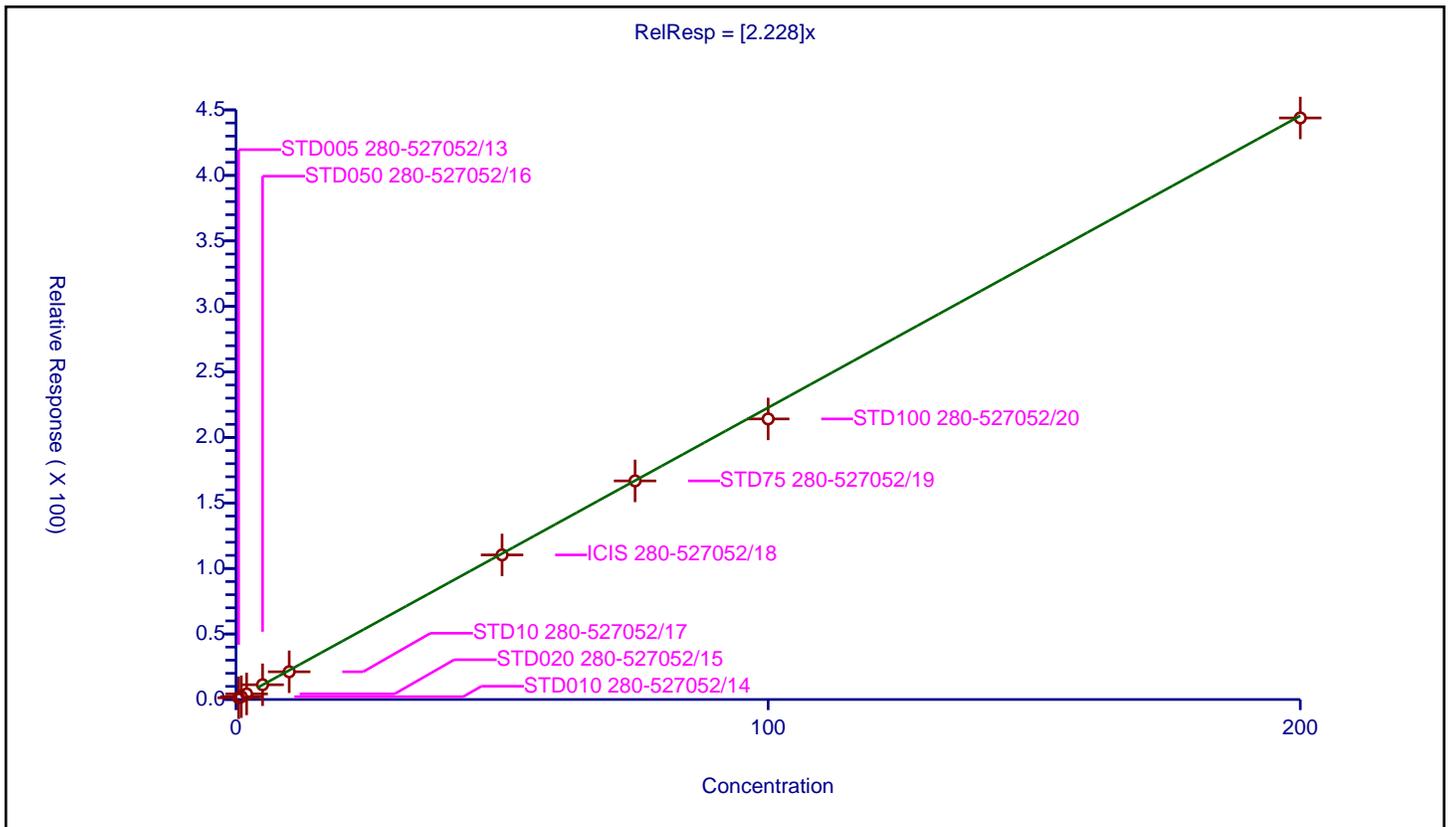
/ Naphthalene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.228

Error Coefficients	
Standard Error:	1490000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	1.295701	50.0	379447.0	2.591403	Y
2	STD010 280-527052/14	1.0	2.161347	50.0	381637.0	2.161347	Y
3	STD020 280-527052/15	2.0	4.267513	50.0	383092.0	2.133756	Y
4	STD050 280-527052/16	5.0	11.271298	50.0	376088.0	2.25426	Y
5	STD10 280-527052/17	10.0	21.158495	50.0	382220.0	2.11585	Y
6	ICIS 280-527052/18	50.0	110.333917	50.0	390636.0	2.206678	Y
7	STD75 280-527052/19	75.0	166.845484	50.0	390808.0	2.224606	Y
8	STD100 280-527052/20	100.0	214.143028	50.0	399978.0	2.14143	Y
9	STD200 280-527052/21	200.0	443.842094	50.0	397286.0	2.21921	Y



Calibration

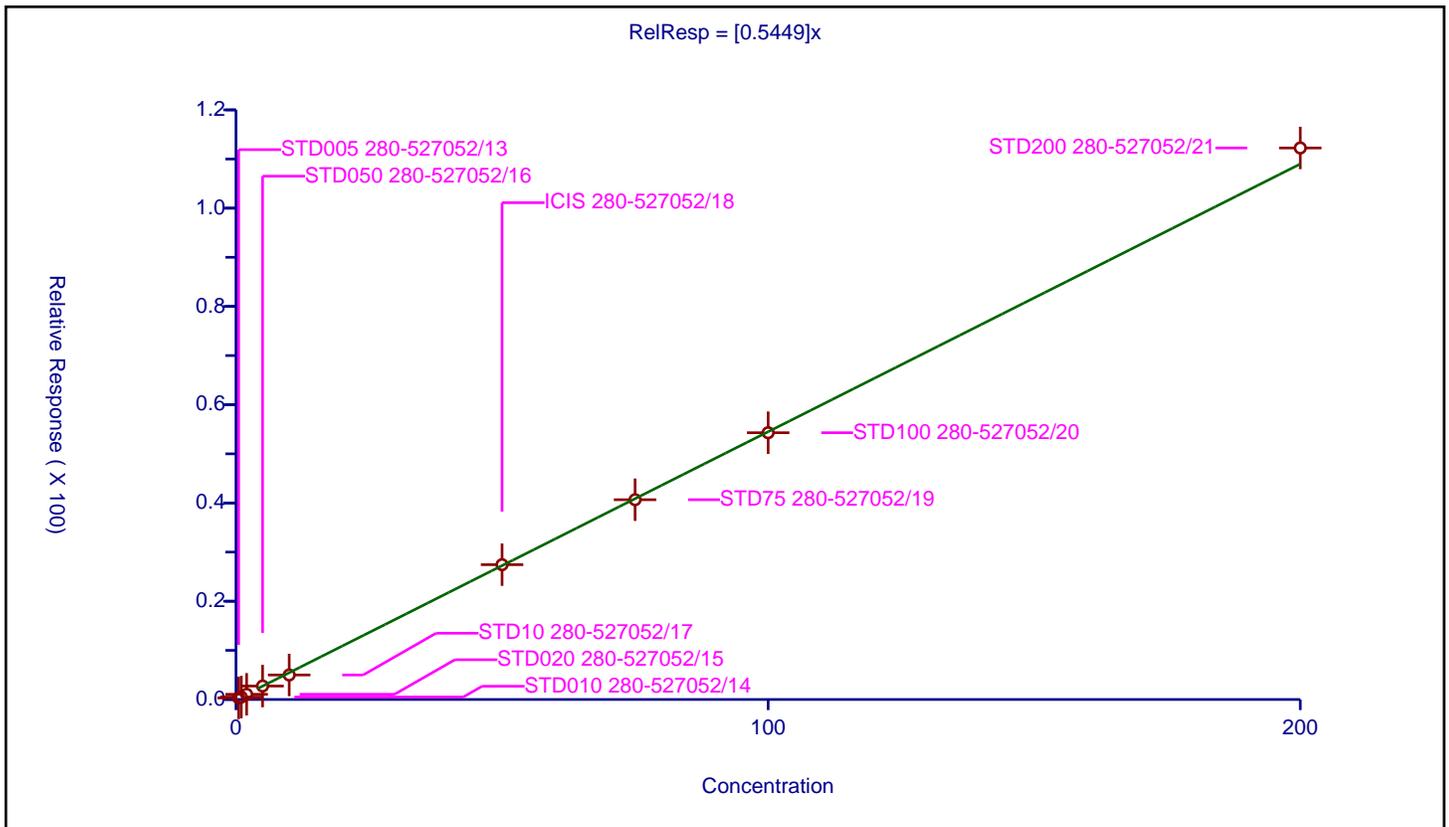
/ 1,2,3-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5449

Error Coefficients	
Standard Error:	376000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-527052/13	0.5	0.316118	50.0	379447.0	0.632236	Y
2	STD010 280-527052/14	1.0	0.501524	50.0	381637.0	0.501524	Y
3	STD020 280-527052/15	2.0	1.058623	50.0	383092.0	0.529311	Y
4	STD050 280-527052/16	5.0	2.737258	50.0	376088.0	0.547452	Y
5	STD10 280-527052/17	10.0	4.988096	50.0	382220.0	0.49881	Y
6	ICIS 280-527052/18	50.0	27.437691	50.0	390636.0	0.548754	Y
7	STD75 280-527052/19	75.0	40.661271	50.0	390808.0	0.54215	Y
8	STD100 280-527052/20	100.0	54.299361	50.0	399978.0	0.542994	Y
9	STD200 280-527052/21	200.0	112.251879	50.0	397286.0	0.561259	Y



FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531966

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2021 10:19 Calibration End Date: 04/09/2021 13:23 Calibration ID: 52244

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 280-531966/17	P2868.D
Level 2	STD010 280-531966/18	P2869.D
Level 3	STD020 280-531966/19	P2870.D
Level 4	STD050 280-531966/20	P2871.D
Level 5	STD10 280-531966/21	P2872.D
Level 6	ICIS 280-531966/22	P2873.D
Level 7	STD75 280-531966/23	P2874.D
Level 8	STD100 280-531966/24	P2875.D
Level 9	STD200 280-531966/25	P2876.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Dichlorodifluoromethane	++++ 0.2373	0.1197 0.2371	0.1840 0.2170	0.2763 0.2272	0.2708	Lin1	-0.03 6	0.229 4						0.9970		0.9900	
Chloromethane	++++ 0.2276	0.2023 0.2246	0.2205 0.2154	0.2639 0.2196	0.2460	Ave		0.227 5		0.1000	8.4		15.0				
Vinyl chloride	0.2237 0.2030	0.1567 0.2074	0.1973 0.1901	0.2353 0.1997	0.2247	Ave		0.204 2			11.4		30.0				
Bromomethane	0.2115 0.1055	0.1612 0.1136	0.1492 0.1194	0.1445 ++++	0.1249	Lin2	0.047 0	0.118 7						0.9920		0.9900	
Chloroethane	++++ 0.1213	0.1320 0.1173	0.1695 0.1121	0.1565 0.1178	0.1312	Lin1	0.067 5	0.116 6						0.9980		0.9900	
Dichlorofluoromethane	0.3221 0.3166	0.2903 0.3140	0.3424 0.3035	0.3604 0.3019	0.3458	Ave		0.321 9			7.2		15.0				
Trichlorofluoromethane	0.3119 0.2951	0.2192 0.2926	0.2929 0.2727	0.3351 0.2749	0.3308	Ave		0.291 7			12.0		15.0				
Ethyl ether	0.1448 0.1475	0.1518 0.1510	0.1479 0.1487	0.1521 0.1528	0.1521	Ave		0.149 9			1.8		15.0				
Acrolein	0.0370 0.0393	0.0381 0.0394	0.0350 0.0395	0.0409 0.0398	0.0387	Ave		0.038 6			4.5		15.0				
1,1-Dichloroethene	0.1274 0.1519	0.0875 0.1453	0.1212 0.1380	0.1405 0.1484	0.1413	Lin1	-0.02 9	0.146 0						0.9990		0.9900	
1,1,2-Trichlorotrifluoroethane	0.0801 0.1074	0.0521 0.1059	0.0814 0.0989	0.1020 0.1107	0.1054	Lin1	-0.03 1	0.107 0						0.9980		0.9900	
Acetone	++++ 0.0725	0.2279 0.0708	0.1266 0.0711	0.0937 0.0700	0.0763	Lin1	0.552 9	0.069 2						0.9990		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531966

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2021 10:19 Calibration End Date: 04/09/2021 13:23 Calibration ID: 52244

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Iodomethane	0.1489 0.2065	0.1341 0.2039	0.1398 0.2000	0.1544 0.1958	0.1760	Lin1	-0.06 1	0.199 2						0.9990		0.9900	
Carbon disulfide	0.5262 0.4542	0.3598 0.4414	0.4077 0.4253	0.3950 0.4662	0.4269	Ave		0.433 6		10.9			15.0				
Methyl acetate	0.6691 0.1688	0.3451 0.1606	0.2792 0.1621	0.2104 0.1607	0.1799	Lin1	0.467 0	0.159 7						1.0000		0.9900	
Allyl chloride	0.2760 0.2407	0.2063 0.2317	0.2193 0.2239	0.2192 0.1727	0.2305	Ave		0.224 5		12.3			15.0				
Methylene Chloride	0.2147 0.1849	0.2296 0.1801	0.1862 0.1795	0.1846 0.1822	0.1849	Ave		0.191 9		9.2			15.0				
Tert-butyl alcohol (2-methyl-2-propanol)	0.0287 0.0286	0.0281 0.0290	0.0247 0.0294	0.0282 0.0284	0.0275	Ave		0.028 1		4.9			15.0				
Acrylonitrile	0.0825 0.0852	0.0801 0.0834	0.0801 0.0847	0.0881 0.0834	0.0846	Ave		0.083 6		3.0			15.0				
Methyl tert-butyl ether	0.5515 0.6070	0.5724 0.6007	0.5644 0.6101	0.5856 0.6093	0.5845	Ave		0.587 3		3.6			15.0				
trans-1,2-Dichloroethene	0.1534 0.1740	0.1255 0.1696	0.1588 0.1642	0.1626 0.1744	0.1707	Ave		0.161 4		9.4			15.0				
Hexane	0.7743 0.9557	0.4476 0.9239	0.8216 0.8601	0.9370 0.9286	0.9577	Lin1	-0.17 0	0.917 9						0.9980		0.9900	
Vinyl acetate	0.4147 0.3585	0.4197 0.3809	0.3626 0.3730	0.4220 0.3814	0.3951	Ave		0.389 8		6.2			15.0				
1,1-Dichloroethane	0.3065 0.3294	0.2750 0.3143	0.3182 0.3117	0.3099 0.3243	0.3169	Ave		0.311 8		0.1000	5.0		15.0				
2-Butanone (MEK)	++++ 0.1161	0.2376 0.1109	0.2340 0.1102	0.1637 0.1084	0.1342	Lin1	0.746 3	0.108 8						0.9980		0.9900	
cis-1,2-Dichloroethene	0.2049 0.1983	0.1917 0.1931	0.1848 0.1919	0.1928 0.1968	0.1878	Ave		0.193 6		3.0			15.0				
2,2-Dichloropropane	0.2556 0.2897	0.1764 0.2830	0.2442 0.2732	0.2595 0.2889	0.2750	Ave		0.260 6		13.5			15.0				
sec-Butyl Alcohol	++++ 0.0200	0.0178 0.0205	0.0185 0.0208	0.0195 0.0207	0.0189	Ave		0.019 6		5.7			15.0				
Chlorobromomethane	0.0764 0.0878	0.0870 0.0834	0.0799 0.0839	0.0844 0.0826	0.0861	Ave		0.083 5		4.3			15.0				
Tetrahydrofuran	0.0892 0.0704	0.0807 0.0700	0.0730 0.0703	0.0701 0.0704	0.0710	Ave		0.073 9		9.0			15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531966

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2021 10:19 Calibration End Date: 04/09/2021 13:23 Calibration ID: 52244

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Chloroform	0.3379 0.3488	0.3372 0.3334	0.3225 0.3322	0.3366 0.3432	0.3360	Ave		0.336 4			2.2		30.0				
1,1,1-Trichloroethane	0.2731 0.2985	0.2116 0.2947	0.2495 0.2845	0.2726 0.3032	0.2813	Ave		0.274 3			10.4		15.0				
Cyclohexane	0.2484 0.2915	0.1544 0.2842	0.2618 0.2674	0.2769 0.2915	0.3024	Lin1	-0.04 9	0.285 4						0.9980		0.9900	
1,1-Dichloropropene	0.2218 0.2696	0.1725 0.2624	0.2591 0.2474	0.2494 0.2659	0.2681	Ave		0.246 2			12.7		15.0				
Carbon tetrachloride	0.1901 0.2315	0.1361 0.2287	0.1848 0.2222	0.2034 0.2385	0.2096	Lin1	-0.06 3	0.232 1						0.9990		0.9900	
Isobutyl alcohol	++++ 0.0089	0.0076 0.0089	0.0076 0.0090	0.0079 0.0087	0.0088	Ave		0.008 4			7.3		15.0				
Benzene	0.6942 0.7591	0.6894 0.7347	0.7163 0.7271	0.7354 0.7413	0.7537	Ave		0.727 9			3.3		15.0				
1,2-Dichloroethane	0.3667 0.2956	0.3235 0.2907	0.2981 0.2940	0.3020 0.2936	0.2924	Ave		0.306 3			8.1		15.0				
n-Heptane	++++ 0.1909	0.1753 0.1835	0.2275 0.1760	0.2085 0.1908	0.2077	Ave		0.195 0			9.3		15.0				
Trichloroethene	0.8146 0.8556	0.6452 0.8200	0.7800 0.8034	0.7949 0.8410	0.8022	Ave		0.795 2			7.6		15.0				
2-Pentanone	0.2628 0.1750	0.1914 0.1727	0.1822 0.1759	0.1799 0.1728	0.1759	Lin2	0.129 7	0.170 3						0.9960		0.9900	
Methylcyclohexane	0.2123 0.2287	0.1065 0.2235	0.1956 0.2096	0.2181 0.2262	0.2254	Lin1	-0.04 1	0.222 6						0.9990		0.9900	
1,2-Dichloropropane	0.1797 0.1909	0.1954 0.1867	0.1750 0.1839	0.1874 0.1880	0.1883	Ave		0.186 2			3.2		30.0				
1,4-Dioxane	++++ 0.0035	0.0032 0.0034	0.0028 0.0035	0.0035 0.0034	0.0033	Ave		0.003 3			6.9		15.0				
Dibromomethane	0.1149 0.1322	0.1303 0.1280	0.1217 0.1317	0.1296 0.1336	0.1261	Ave		0.127 6			4.7		15.0				
Dichlorobromomethane	0.2040 0.2632	0.2316 0.2586	0.2212 0.2635	0.2318 0.2698	0.2398	Ave		0.242 6			9.3		15.0				
2-Chloroethyl vinyl ether	0.1315 0.1434	0.1358 0.1416	0.1347 0.1422	0.1529 0.1411	0.1509	Ave		0.141 6			5.0		15.0				
cis-1,3-Dichloropropene	1.1886 1.3906	1.2019 1.3575	1.1773 1.3714	1.2010 1.4055	1.2627	Ave		1.284 1			7.5		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531966

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2021 10:19 Calibration End Date: 04/09/2021 13:23 Calibration ID: 52244

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
4-Methyl-2-pentanone (MIBK)	0.2208 0.2212	0.2094 0.2195	0.2024 0.2224	0.2205 0.2157	0.2145	Ave		0.216 3			3.1		15.0				
Toluene	0.7780 0.8151	0.7146 0.7807	0.7628 0.7682	0.7805 0.7944	0.7948	Ave		0.776 6			3.6		30.0				
trans-1,3-Dichloropropene	0.2490 0.3001	0.2321 0.2992	0.2224 0.3092	0.2488 0.3156	0.2616	Ave		0.270 9			13.1		15.0				
Ethyl methacrylate	1.1005 1.3176	1.1628 1.2888	1.1865 1.3088	1.1939 1.2944	1.2211	Ave		1.230 5			6.2		15.0				
1,1,2-Trichloroethane	0.1508 0.1726	0.1690 0.1701	0.1609 0.1721	0.1689 0.1709	0.1686	Ave		0.167 1			4.2		15.0				
Tetrachloroethene	0.4889 0.5759	0.3714 0.5484	0.5005 0.5284	0.5235 0.5675	0.5419	Ave		0.516 3			11.9		15.0				
1,3-Dichloropropane	1.3846 1.4106	1.4122 1.3632	1.3376 1.3754	1.3805 1.3563	1.3684	Ave		1.376 5			1.8		15.0				
2-Hexanone	0.6521 0.7078	0.6748 0.6926	0.6335 0.6941	0.7174 0.6770	0.6784	Ave		0.680 8			3.9		15.0				
Chlorodibromomethane	0.5175 0.7430	0.5504 0.7470	0.5250 0.7750	0.5993 0.7903	0.6317	Lin1	-0.27 8	0.772 0					0.9980			0.9900	
1,2-Dibromoethane	0.7035 0.8224	0.7677 0.8006	0.7079 0.8101	0.7760 0.8055	0.7575	Ave		0.772 4			5.6		15.0				
1-Chlorohexane	1.9967 1.0840	1.3245 1.0511	1.1192 1.0025	1.0736 1.0539	1.0690	Lin2	0.359 6	1.005 0					0.9930			0.9900	
Chlorobenzene	2.1350 2.1533	2.0776 2.0804	2.0049 2.0535	2.0774 2.0593	2.0873	Ave		2.081 0		0.3000	2.1		15.0				
1,1,1,2-Tetrachloroethane	0.6295 0.7360	0.5820 0.7248	0.5661 0.7339	0.6290 0.7406	0.6604	Ave		0.666 9			10.4		15.0				
Ethylbenzene	1.0391 1.1920	0.9157 1.1496	1.1159 1.1324	1.1494 1.1289	1.1474	Ave		1.107 8			7.5		30.0				
m-Xylene & p-Xylene	1.3157 1.4759	1.1382 1.4096	1.3019 1.3894	1.3547 1.4019	1.3468	Ave		1.348 2			7.0		15.0				
o-Xylene	1.2585 1.4150	1.2072 1.3591	1.2376 1.3485	1.3329 1.3283	1.3371	Ave		1.313 8			5.0		15.0				
Styrene	2.0239 2.5096	2.1557 2.4313	2.1213 2.4172	2.2333 2.3798	2.3102	Ave		2.286 9			7.1		15.0				
Bromoform	++++ 0.4712	0.3180 0.4896	0.3094 0.5092	0.3376 0.5245	0.3708	Lin1	-0.40 3	0.509 4		0.1000			0.9970			0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531966

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2021 10:19 Calibration End Date: 04/09/2021 13:23 Calibration ID: 52244

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Isopropylbenzene	2.2531 2.4923	1.9211 2.4323	2.2184 2.3203	2.4342 2.4823	2.4732	Ave	2.336 4			8.0	15.0						
Cyclohexanone	0.0336 0.0417	0.0341 0.0408	0.0349 0.0414	0.0394 0.0402	0.0393	Ave	0.038 4			8.4	15.0						
1,1,2,2-Tetrachloroethane	0.7804 0.7505	0.7226 0.7662	0.7233 0.7520	0.7790 0.7625	0.7482	Ave	0.753 8		0.3000	2.8	15.0						
Bromobenzene	0.5006 0.5739	0.5589 0.5614	0.5269 0.5574	0.5618 0.5819	0.5516	Ave	0.552 7			4.5	15.0						
trans-1,4-Dichloro-2-butene	++++ 0.2233	0.2650 0.2303	0.1843 0.2388	0.1950 0.2463	0.1902	Ave	0.221 6			13.2	15.0						
1,2,3-Trichloropropane	++++ 0.2361	0.2334 0.2378	0.2150 0.2343	0.2461 0.2450	0.2360	Ave	0.235 5			4.0	15.0						
N-Propylbenzene	0.5463 0.6349	0.4694 0.6213	0.5682 0.5973	0.6173 0.6331	0.6278	Ave	0.590 6			9.3	15.0						
2-Chlorotoluene	0.5146 0.5539	0.4448 0.5440	0.5110 0.5302	0.5691 0.5508	0.5412	Ave	0.528 8			6.9	15.0						
1,3,5-Trimethylbenzene	1.7629 2.0207	1.5805 1.9728	1.7964 1.8919	1.9489 1.9630	1.9522	Ave	1.876 6			7.4	15.0						
4-Chlorotoluene	0.4886 0.5851	0.5041 0.5742	0.5530 0.5612	0.5649 0.5777	0.5569	Ave	0.551 8			6.0	15.0						
tert-Butylbenzene	1.5465 1.6210	1.2566 1.5836	1.4747 1.5247	1.5640 1.6277	1.5802	Ave	1.531 0			7.4	15.0						
1,2,4-Trimethylbenzene	1.8277 2.0836	1.7142 2.0273	1.8538 1.9626	1.9910 2.0424	1.9874	Ave	1.943 3			6.2	15.0						
sec-Butylbenzene	0.3917 0.4641	0.2990 0.4514	0.4167 0.4202	0.4308 0.4594	0.4340	Ave	0.418 6			12.0	15.0						
1,3-Dichlorobenzene	1.0095 1.0223	0.8819 1.0193	0.9251 0.9881	0.9743 1.0129	1.0017	Ave	0.981 7			4.9	15.0						
4-Isopropyltoluene	1.7262 1.9737	1.3313 1.9293	1.6868 1.8545	1.8610 1.9725	1.8531	Ave	1.798 7			11.2	15.0						
1,4-Dichlorobenzene	1.0990 1.0460	1.0632 1.0501	1.0140 1.0211	1.0258 1.0514	1.0218	Ave	1.043 6			2.6	15.0						
n-Butylbenzene	1.6414 1.8825	1.1494 1.7963	1.5273 1.7205	1.6896 1.8176	1.7575	Ave	1.664 7			13.2	15.0						
1,2-Dichlorobenzene	0.9467 0.9764	0.9184 0.9700	0.9258 0.9696	0.9367 0.9717	0.9421	Ave	0.950 8			2.3	15.0						

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531966

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2021 10:19 Calibration End Date: 04/09/2021 13:23 Calibration ID: 52244

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
1,2-Dibromo-3-Chloropropane	++++ 0.1484	0.1070 0.1520	0.1037 0.1567	0.1283 0.1604	0.1257	Lin2	-0.05 2	0.147 3						0.9910		0.9900	
1,2,4-Trichlorobenzene	0.4909 0.5529	0.5035 0.5425	0.4961 0.5329	0.5095 0.5592	0.5163	Ave		0.522 6		4.8		15.0					
Hexachlorobutadiene	0.1777 0.2002	0.0958 0.1922	0.1818 0.1872	0.1806 0.2138	0.1818	Lin1	-0.05 4	0.202 2					0.9960		0.9900		
Naphthalene	1.7145 1.9607	1.6509 1.9342	1.6396 1.9211	1.8143 1.8699	1.8673	Ave		1.819 2		6.7		15.0					
1,2,3-Trichlorobenzene	0.4842 0.5079	0.4769 0.4992	0.4411 0.4901	0.5007 0.4966	0.4752	Ave		0.485 8		4.1		15.0					
Dibromofluoromethane (Surr)	0.2456 0.2487	0.2440 0.2511	0.2433 0.2529	0.2444 0.2531	0.2447	Ave		0.247 5		1.6		15.0					
1,2-Dichloroethane-d4 (Surr)	0.3375 0.3317	0.3331 0.3262	0.3317 0.3274	0.3323 0.3263	0.3326	Ave		0.331 0		1.1		15.0					
Toluene-d8 (Surr)	4.1744 4.1840	4.1314 4.1152	4.1790 4.1359	4.0908 4.0872	4.1234	Ave		4.135 7		0.9		15.0					
4-Bromofluorobenzene (Surr)	1.2017 1.1756	1.2099 1.1758	1.1853 1.1660	1.2071 1.1809	1.1737	Ave		1.186 2		1.3		15.0					

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531966

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2021 10:19 Calibration End Date: 04/09/2021 13:23 Calibration ID: 52244

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 280-531966/17	P2868.D
Level 2	STD010 280-531966/18	P2869.D
Level 3	STD020 280-531966/19	P2870.D
Level 4	STD050 280-531966/20	P2871.D
Level 5	STD10 280-531966/21	P2872.D
Level 6	ICIS 280-531966/22	P2873.D
Level 7	STD75 280-531966/23	P2874.D
Level 8	STD100 280-531966/24	P2875.D
Level 9	STD200 280-531966/25	P2876.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Lin1	++++ 227481	2243 348625	6869 435392	26824 904446	51783	++++ 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Chloromethane	FB	Ave	++++ 218206	3791 330242	8230 432339	25617 874125	47045	++++ 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Vinyl chloride	FB	Ave	2074 194631	2936 304980	7363 381598	22837 794906	42970	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Bromomethane	FB	Lin2	1961 101192	3021 167078	5568 239549	14032 ++++	23880	0.500 50.0	1.00 75.0	2.00 100	5.00 ++++	10.0
Chloroethane	FB	Lin1	++++ 116301	2474 172463	6328 225019	15191 469139	25083	++++ 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Dichlorofluoromethane	FB	Ave	2987 303513	5440 461657	12781 609161	34988 1201937	66120	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Trichlorofluoromethane	FB	Ave	2892 282890	4107 430253	10932 547181	32526 1094465	63264	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Ethyl ether	FB	Ave	1343 141460	2844 222089	5521 298346	14767 608424	29081	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Acrolein	FB	Ave	3384 372157	7050 572426	12908 782746	39165 1564433	73046	4.94 494	9.88 741	19.8 988	49.4 1975	98.8
1,1-Dichloroethene	FB	Lin1	1181 145674	1640 213580	4525 276961	13639 590902	27026	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,1,2-Trichlorotrifluoroethane	FB	Lin1	743 102992	976 155735	3037 198549	9897 440527	20148	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Acetone	FB	Lin1	++++ 277982	17085 416598	18899 570448	36391 1113988	58327	++++ 200	4.00 300	8.00 400	20.0 800	40.0
Iodomethane	FB	Lin1	1381	2512	5218	14984	33660	0.500	1.00	2.00	5.00	10.0

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531966

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2021 10:19 Calibration End Date: 04/09/2021 13:23 Calibration ID: 52244

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			198006	299869	401355	779356		50.0	75.0	100	200	
Carbon disulfide	FB	Ave	4879 435477	6742 649034	15218 853587	38340 1856100	81628	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Methyl acetate	FB	Lin1	12408 323718	12934 472362	20844 650735	40841 1279271	68790	1.00 100	2.00 150	4.00 200	10.0 400	20.0
Allyl chloride	FB	Ave	2559 230820	3865 340721	8185 449283	21276 687473	44082	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Methylene Chloride	FB	Ave	1991 177313	4303 264782	6949 360314	17918 725235	35363	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Tert-butyl alcohol (2-methyl-2-propanol)	FB	Ave	2659 274658	5258 426369	9208 589500	27384 1128955	52679	5.00 500	10.0 750	20.0 1000	50.0 2000	100
Acrylonitrile	FB	Ave	7653 817095	15012 1227027	29911 1699149	85529 3320271	161690	5.00 500	10.0 750	20.0 1000	50.0 2000	100
Methyl tert-butyl ether	FB	Ave	5114 581949	10727 883310	21066 1224319	56847 2425682	111761	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
trans-1,2-Dichloroethene	FB	Ave	1422 166820	2352 249357	5926 329488	15785 694145	32632	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Hexane	CBNZ d5	Lin1	1652 209065	1926 311825	6974 401254	20787 859504	42213	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Vinyl acetate	FB	Ave	7691 687534	15731 1120215	27071 1496964	81938 3036645	151109	1.00 100	2.00 150	4.00 200	10.0 400	20.0
1,1-Dichloroethane	FB	Ave	2842 315848	5154 462119	11877 625434	30082 1290991	60597	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
2-Butanone (MEK)	FB	Lin1	++++ 445205	17810 652140	34945 884507	63566 1726177	102682	++++ 200	4.00 300	8.00 400	20.0 800	40.0
cis-1,2-Dichloroethene	FB	Ave	1900 190094	3593 283916	6898 385147	18713 783533	35919	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
2,2-Dichloropropane	FB	Ave	2370 277783	3306 416099	9116 548311	25187 1150205	52590	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
sec-Butyl Alcohol	FB	Ave	++++ 460621	7997 722152	16615 1003670	45390 1981495	86679	++++ 1200	24.0 1800	48.0 2400	120 4800	240
Chlorobromomethane	FB	Ave	708 84225	1630 122600	2983 168412	8197 328768	16457	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Tetrahydrofuran	FB	Ave	1655	3024	5452	13616	27138	1.00	2.00	4.00	10.0	20.0

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531966

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2021 10:19 Calibration End Date: 04/09/2021 13:23 Calibration ID: 52244

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			135090	205822	282017	560725		100	150	200	400	
Chloroform	FB	Ave	3133 334417	6319 490247	12039 666748	32676 1366201	64252	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,1,1-Trichloroethane	FB	Ave	2532 286211	3966 433303	9314 570865	26466 1206906	53796	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Cyclohexane	FB	Lin1	2303 279466	2894 417909	9773 536711	26877 1160516	57817	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,1-Dichloropropene	FB	Ave	2057 258468	3233 385818	9673 496413	24212 1058539	51260	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Carbon tetrachloride	FB	Lin1	1763 221986	2550 336204	6898 445980	19746 949348	40085	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Isobutyl alcohol	FB	Ave	++++ 214463	3539 326329	7095 451543	19293 870198	41916	++++ 1250	25.0 1875	50.0 2500	125 5000	250
Benzene	FB	Ave	6437 727810	12919 1080266	26737 1459184	71388 2951144	144130	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,2-Dichloroethane	FB	Ave	3400 283435	6063 427440	11127 589986	29316 1168915	55914	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
n-Heptane	FB	Ave	++++ 182984	3285 269748	8492 353279	20236 759555	39720	++++ 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Trichloroethene	CBNZ d5	Ave	1738 187163	2776 276747	6621 374783	17634 778451	35357	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
2-Pentanone	FB	Lin2	7799 536960	11478 812634	21766 1129621	55887 2201079	107633	1.60 160	3.20 240	6.40 320	16.0 640	32.0
Methylcyclohexane	FB	Lin1	1969 219259	1996 328693	7301 420696	21175 900727	43108	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,2-Dichloropropane	FB	Ave	1666 183052	3662 274525	6533 369101	18195 748453	36001	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,4-Dioxane	FB	Ave	++++ 66266	1199 98781	2094 139812	6830 266973	12513	++++ 1000	20.0 1500	40.0 2000	100 4000	200
Dibromomethane	FB	Ave	1065 126761	2442 188269	4543 264215	12584 531771	24116	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Dichlorobromomethane	FB	Ave	1892 252305	4340 380210	8256 528779	22498 1074021	45863	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
2-Chloroethyl vinyl ether	FB	Ave	1219 137461	2545 208246	5029 285433	14843 561902	28857	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531966

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2021 10:19 Calibration End Date: 04/09/2021 13:23 Calibration ID: 52244

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
cis-1,3-Dichloropropene	CBNZ d5	Ave	2536	5171	9993	26643	55658	0.500	1.00	2.00	5.00	10.0
			304200	458161	639765	1300925		50.0	75.0	100	200	
4-Methyl-2-pentanone (MIBK)	FB	Ave	8190	15697	30222	85606	164093	2.00	4.00	8.00	20.0	40.0
			848512	1290773	1785389	3434471		200	300	400	800	
Toluene	FB	Ave	7214	13391	28472	75770	151973	0.500	1.00	2.00	5.00	10.0
			781490	1147888	1541711	3162498		50.0	75.0	100	200	
trans-1,3-Dichloropropene	FB	Ave	2309	4349	8303	24148	50026	0.500	1.00	2.00	5.00	10.0
			287722	439985	620482	1256513		50.0	75.0	100	200	
Ethyl methacrylate	CBNZ d5	Ave	2348	5003	10071	26484	53824	0.500	1.00	2.00	5.00	10.0
			288222	434991	610572	1198142		50.0	75.0	100	200	
1,1,2-Trichloroethane	FB	Ave	1398	3167	6006	16394	32242	0.500	1.00	2.00	5.00	10.0
			165490	250117	345449	680412		50.0	75.0	100	200	
Tetrachloroethene	CBNZ d5	Ave	1043	1598	4248	11613	23885	0.500	1.00	2.00	5.00	10.0
			125971	185081	246493	525317		50.0	75.0	100	200	
1,3-Dichloropropane	CBNZ d5	Ave	2954	6076	11354	30624	60314	0.500	1.00	2.00	5.00	10.0
			308570	460079	641617	1255436		50.0	75.0	100	200	
2-Hexanone	CBNZ d5	Ave	5565	11613	21509	63658	119606	2.00	4.00	8.00	20.0	40.0
			619337	934984	1295144	2506433		200	300	400	800	
Chlorodibromomethane	CBNZ d5	Lin1	1104	2368	4456	13294	27843	0.500	1.00	2.00	5.00	10.0
			162525	252104	361550	731477		50.0	75.0	100	200	
1,2-Dibromoethane	CBNZ d5	Ave	1501	3303	6009	17214	33387	0.500	1.00	2.00	5.00	10.0
			179906	270208	377911	745579		50.0	75.0	100	200	
1-Chlorohexane	CBNZ d5	Lin2	3408	4559	7600	19053	37694	0.400	0.800	1.60	4.00	8.00
			189697	283814	374148	780411		40.0	60.0	80.0	160	
Chlorobenzene	CBNZ d5	Ave	4555	8939	17018	46085	92001	0.500	1.00	2.00	5.00	10.0
			471047	702154	957952	1906082		50.0	75.0	100	200	

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531966

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2021 10:19 Calibration End Date: 04/09/2021 13:23 Calibration ID: 52244

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	1343	2504	4805	13954	29109	0.500	1.00	2.00	5.00	10.0
			161010	244619	342383	685472		50.0	75.0	100	200	
Ethylbenzene	CBNZ d5	Ave	2217	3940	9472	25498	50576	0.500	1.00	2.00	5.00	10.0
			260755	387998	528247	1044909		50.0	75.0	100	200	
m-Xylene & p-Xylene	CBNZ d5	Ave	2807	4897	11051	30052	59364	0.500	1.00	2.00	5.00	10.0
			322860	475748	648174	1297601		50.0	75.0	100	200	
o-Xylene	CBNZ d5	Ave	2685	5194	10505	29569	58937	0.500	1.00	2.00	5.00	10.0
			309549	458704	629086	1229471		50.0	75.0	100	200	
Styrene	CBNZ d5	Ave	4318	9275	18006	49542	101828	0.500	1.00	2.00	5.00	10.0
			548984	820568	1127626	2202745		50.0	75.0	100	200	
Bromoform	CBNZ d5	Lin1	+++++	1368	2626	7490	16342	+++++	1.00	2.00	5.00	10.0
			103070	165234	237526	485502		50.0	75.0	100	200	
Isopropylbenzene	DCBd 4	Ave	6747	11432	26678	75650	154335	0.500	1.00	2.00	5.00	10.0
			801783	1186939	1591745	3168939		50.0	75.0	100	200	
Cyclohexanone	CBNZ d5	Ave	2871	5871	11855	34958	69351	20.0	40.0	80.0	200	400
			364648	551202	771874	1487160		2000	3000	4000	8000	
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	2337	4300	8698	24209	46692	0.500	1.00	2.00	5.00	10.0
			241432	373897	515859	973383		50.0	75.0	100	200	
Bromobenzene	DCBd 4	Ave	1499	3326	6337	17461	34422	0.500	1.00	2.00	5.00	10.0
			184630	273974	382371	742905		50.0	75.0	100	200	
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	1577	2216	6060	11866	+++++	1.00	2.00	5.00	10.0
			71838	112363	163800	314406		50.0	75.0	100	200	
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	1389	2585	7647	14729	+++++	1.00	2.00	5.00	10.0
			75958	116035	160704	312802		50.0	75.0	100	200	

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531966

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2021 10:19 Calibration End Date: 04/09/2021 13:23 Calibration ID: 52244

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
N-Propylbenzene	DCBd 4	Ave	1636	2793	6833	19184	39177	0.500	1.00	2.00	5.00	10.0
			204237	303177	409727	808239		50.0	75.0	100	200	
2-Chlorotoluene	DCBd 4	Ave	1541	2647	6145	17687	33770	0.500	1.00	2.00	5.00	10.0
			178201	265448	363683	703165		50.0	75.0	100	200	
1,3,5-Trimethylbenzene	DCBd 4	Ave	5279	9405	21603	60570	121822	0.500	1.00	2.00	5.00	10.0
			650068	962739	1297809	2506039		50.0	75.0	100	200	
4-Chlorotoluene	DCBd 4	Ave	1463	3000	6650	17556	34750	0.500	1.00	2.00	5.00	10.0
			188241	280213	385009	737513		50.0	75.0	100	200	
tert-Butylbenzene	DCBd 4	Ave	4631	7478	17734	48606	98610	0.500	1.00	2.00	5.00	10.0
			521457	772804	1045914	2077963		50.0	75.0	100	200	
1,2,4-Trimethylbenzene	DCBd 4	Ave	5473	10201	22294	61876	124018	0.500	1.00	2.00	5.00	10.0
			670293	989337	1346321	2607336		50.0	75.0	100	200	
sec-Butylbenzene	DCBd 4	Ave	1173	1779	5011	13389	27085	0.500	1.00	2.00	5.00	10.0
			149292	220290	288245	586448		50.0	75.0	100	200	
1,3-Dichlorobenzene	DCBd 4	Ave	3023	5248	11125	30279	62511	0.500	1.00	2.00	5.00	10.0
			328884	497432	677832	1293121		50.0	75.0	100	200	
4-Isopropyltoluene	DCBd 4	Ave	5169	7922	20285	57836	115640	0.500	1.00	2.00	5.00	10.0
			634941	941509	1272204	2518121		50.0	75.0	100	200	
1,4-Dichlorobenzene	DCBd 4	Ave	3291	6327	12194	31881	63763	0.500	1.00	2.00	5.00	10.0
			336496	512430	700457	1342198		50.0	75.0	100	200	
n-Butylbenzene	DCBd 4	Ave	4915	6840	18367	52510	109669	0.500	1.00	2.00	5.00	10.0
			605611	876586	1180275	2320367		50.0	75.0	100	200	
1,2-Dichlorobenzene	DCBd 4	Ave	2835	5465	11133	29112	58786	0.500	1.00	2.00	5.00	10.0
			314118	473350	665134	1240504		50.0	75.0	100	200	

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531966

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/09/2021 10:19 Calibration End Date: 04/09/2021 13:23 Calibration ID: 52244

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dibromo-3-Chloropropane	DCBd 4	Lin2	+++++	637	1247	3987	7841	+++++	1.00	2.00	5.00	10.0
			47732	74155	107475	204721		50.0	75.0	100	200	
1,2,4-Trichlorobenzene	DCBd 4	Ave	1470	2996	5966	15834	32216	0.500	1.00	2.00	5.00	10.0
			177873	264763	365543	713934		50.0	75.0	100	200	
Hexachlorobutadiene	DCBd 4	Lin1	532	570	2186	5612	11347	0.500	1.00	2.00	5.00	10.0
			64397	93773	128421	272987		50.0	75.0	100	200	
Naphthalene	DCBd 4	Ave	5134	9824	19718	56385	116524	0.500	1.00	2.00	5.00	10.0
			630746	943896	1317857	2387172		50.0	75.0	100	200	
1,2,3-Trichlorobenzene	DCBd 4	Ave	1450	2838	5304	15561	29652	0.500	1.00	2.00	5.00	10.0
			163377	243617	336235	633982		50.0	75.0	100	200	
Dibromofluoromethane (Surr)	FB	Ave	227733	228657	227077	237250	233920	50.0	50.0	50.0	50.0	50.0
			238459	246156	253769	251950		50.0	50.0	50.0	50.0	
1,2-Dichloroethane-d4 (Surr)	FB	Ave	312931	312063	309580	322601	317953	50.0	50.0	50.0	50.0	50.0
			318018	319795	328537	324773		50.0	50.0	50.0	50.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	890614	888766	886801	907477	908744	50.0	50.0	50.0	50.0	50.0
			915273	925932	964706	945783		50.0	50.0	50.0	50.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	359835	359995	356344	375136	366202	50.0	50.0	50.0	50.0	50.0
			378200	382535	399935	376888		50.0	50.0	50.0	50.0	

Curve Type Legend

Ave = Average ISTD  
Lin1 = Linear 1/conc ISTD  
Lin2 = Linear 1/conc^2 ISTD

Calibration

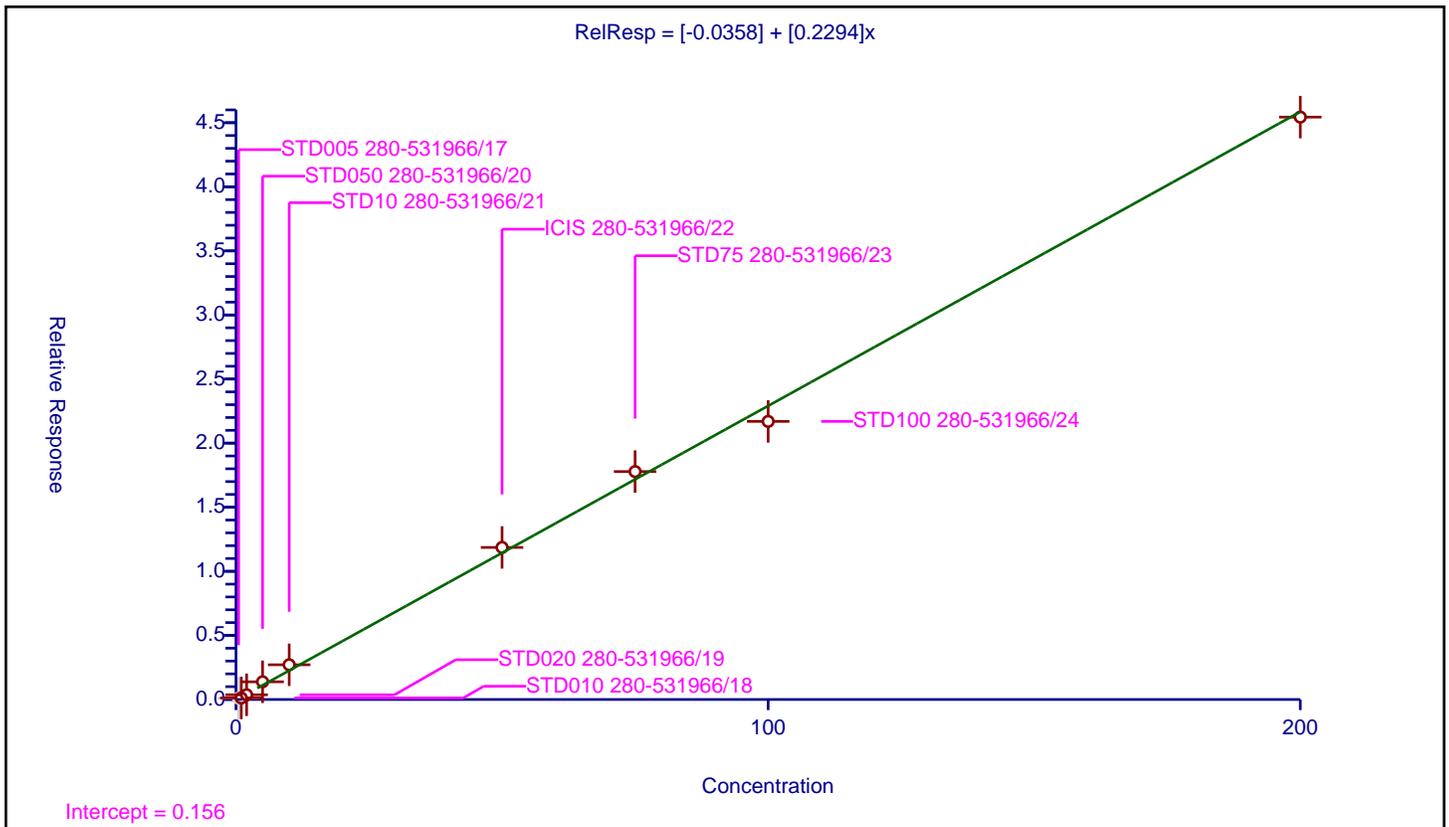
/ Dichlorodifluoromethane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.0358
Slope:	0.2294

Error Coefficients	
Standard Error:	444000
Relative Standard Error:	19.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.100888	50.0	927268.0	0.201776	N
2	STD010 280-531966/18	1.0	0.119696	50.0	936957.0	0.119696	Y
3	STD020 280-531966/19	2.0	0.368045	50.0	933175.0	0.184022	Y
4	STD050 280-531966/20	5.0	1.381625	50.0	970741.0	0.276325	Y
5	STD10 280-531966/21	10.0	2.708018	50.0	956105.0	0.270802	Y
6	ICIS 280-531966/22	50.0	11.863069	50.0	958778.0	0.237261	Y
7	STD75 280-531966/23	75.0	17.782399	50.0	980253.0	0.237099	Y
8	STD100 280-531966/24	100.0	21.695467	50.0	1003417.0	0.216955	Y
9	STD200 280-531966/25	200.0	45.43667	50.0	995282.0	0.227183	Y



Calibration

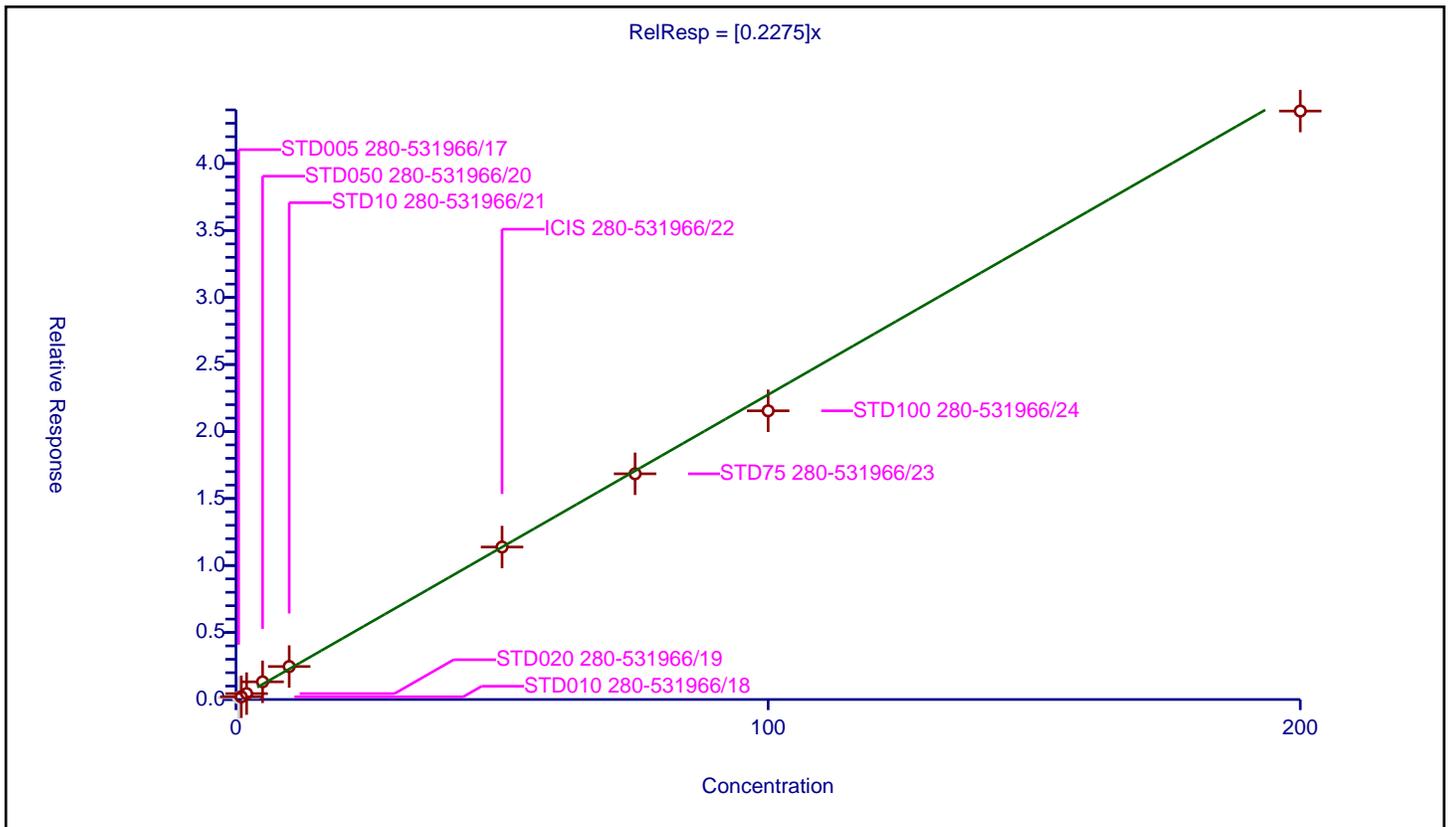
/ Chloromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2275

Error Coefficients	
Standard Error:	398000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.134805	50.0	927268.0	0.269609	N
2	STD010 280-531966/18	1.0	0.202304	50.0	936957.0	0.202304	Y
3	STD020 280-531966/19	2.0	0.440968	50.0	933175.0	0.220484	Y
4	STD050 280-531966/20	5.0	1.319456	50.0	970741.0	0.263891	Y
5	STD10 280-531966/21	10.0	2.460242	50.0	956105.0	0.246024	Y
6	ICIS 280-531966/22	50.0	11.379381	50.0	958778.0	0.227588	Y
7	STD75 280-531966/23	75.0	16.844733	50.0	980253.0	0.224596	Y
8	STD100 280-531966/24	100.0	21.543336	50.0	1003417.0	0.215433	Y
9	STD200 280-531966/25	200.0	43.913434	50.0	995282.0	0.219567	Y



**Calibration**

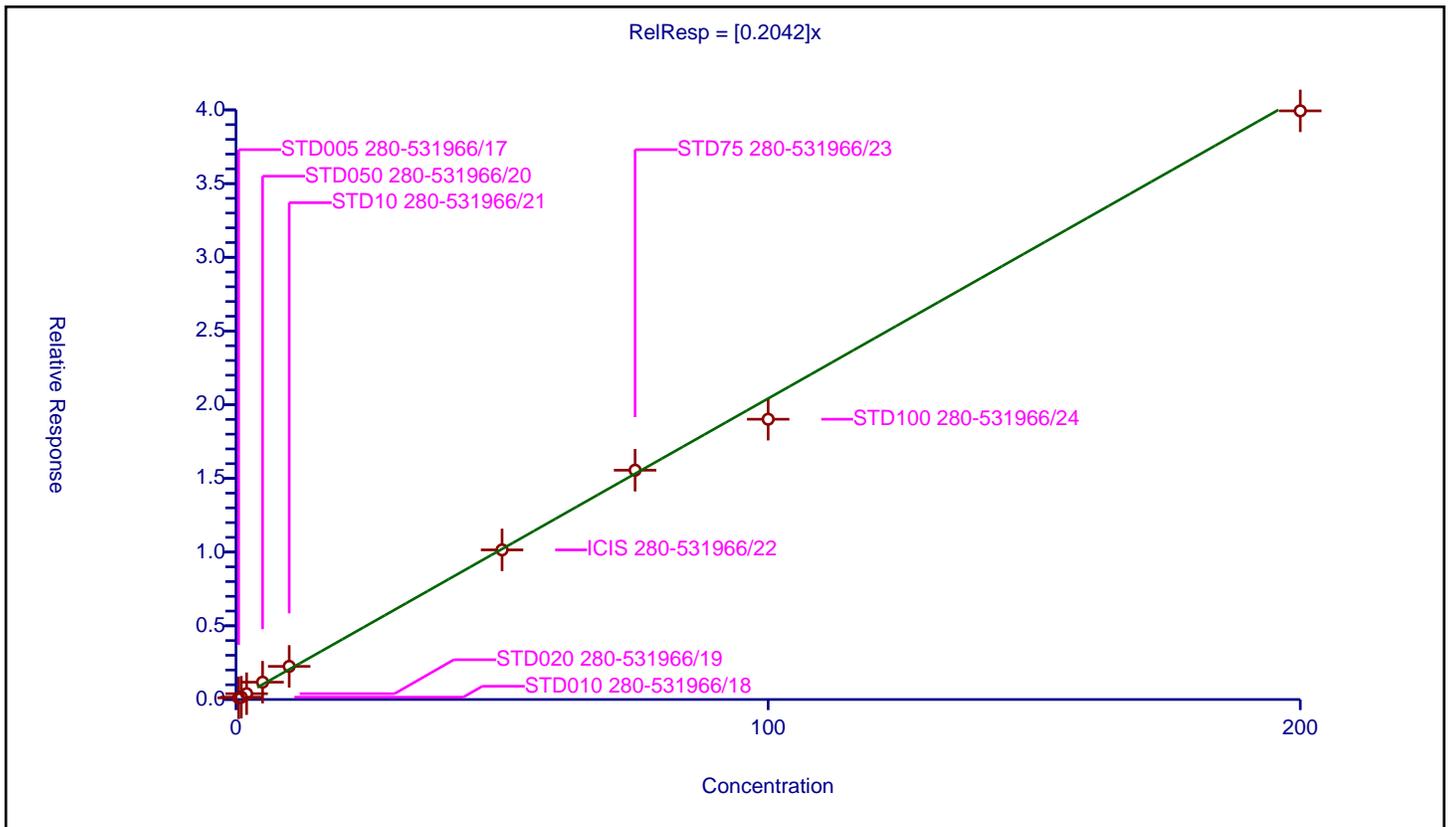
/ Vinyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2042

Error Coefficients	
Standard Error:	337000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.111834	50.0	927268.0	0.223668	Y
2	STD010 280-531966/18	1.0	0.156677	50.0	936957.0	0.156677	Y
3	STD020 280-531966/19	2.0	0.394513	50.0	933175.0	0.197257	Y
4	STD050 280-531966/20	5.0	1.176266	50.0	970741.0	0.235253	Y
5	STD10 280-531966/21	10.0	2.247138	50.0	956105.0	0.224714	Y
6	ICIS 280-531966/22	50.0	10.149951	50.0	958778.0	0.202999	Y
7	STD75 280-531966/23	75.0	15.556188	50.0	980253.0	0.207416	Y
8	STD100 280-531966/24	100.0	19.014926	50.0	1003417.0	0.190149	Y
9	STD200 280-531966/25	200.0	39.933707	50.0	995282.0	0.199669	Y



**Calibration**

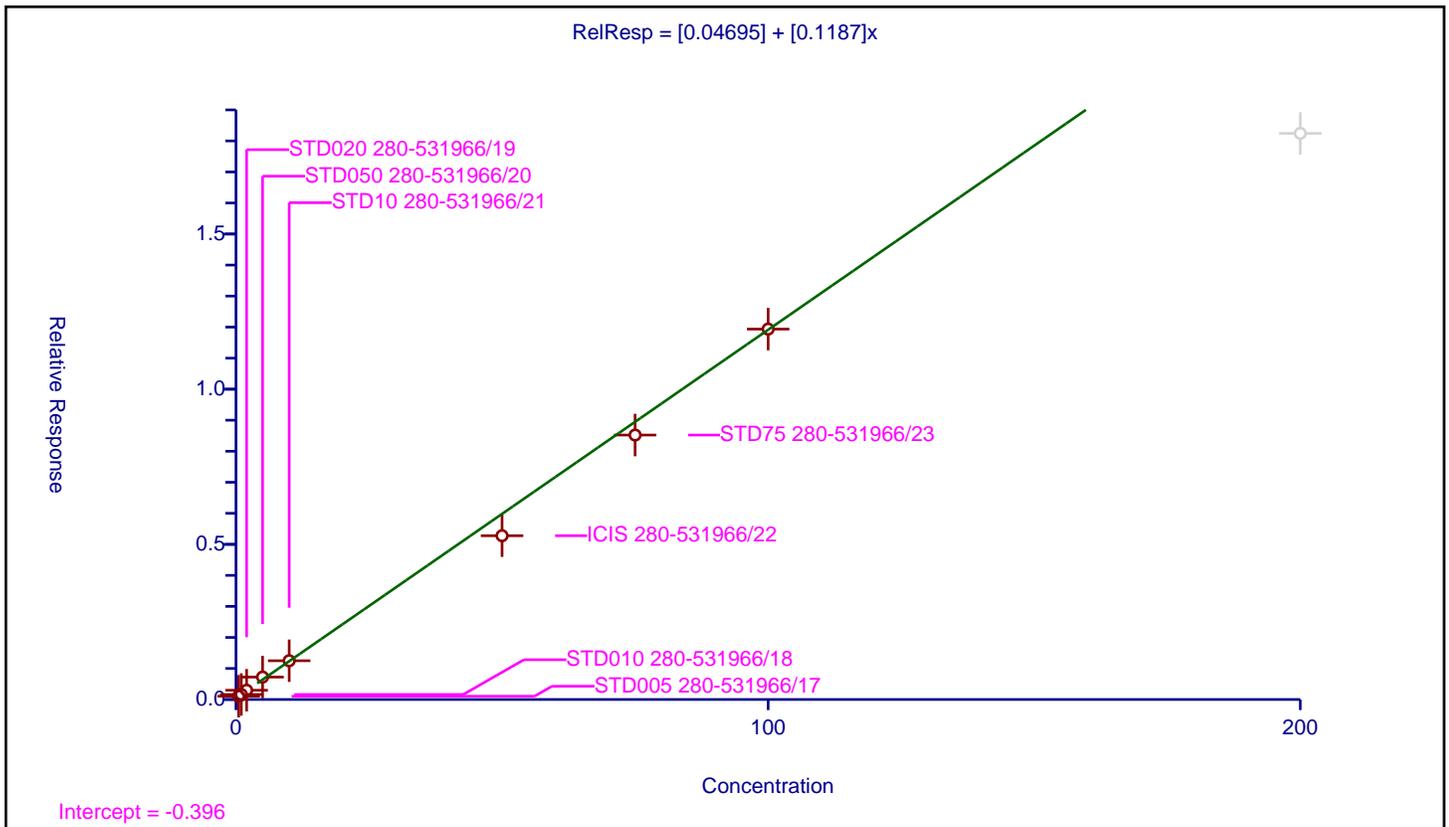
/ Bromomethane

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.04695
Slope:	0.1187

Error Coefficients	
Standard Error:	127000
Relative Standard Error:	8.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.105741	50.0	927268.0	0.211481	Y
2	STD010 280-531966/18	1.0	0.161213	50.0	936957.0	0.161213	Y
3	STD020 280-531966/19	2.0	0.298336	50.0	933175.0	0.149168	Y
4	STD050 280-531966/20	5.0	0.722747	50.0	970741.0	0.144549	Y
5	STD10 280-531966/21	10.0	1.248817	50.0	956105.0	0.124882	Y
6	ICIS 280-531966/22	50.0	5.277134	50.0	958778.0	0.105543	Y
7	STD75 280-531966/23	75.0	8.522188	50.0	980253.0	0.113629	Y
8	STD100 280-531966/24	100.0	11.936662	50.0	1003417.0	0.119367	Y
9	STD200 280-531966/25	200.0	18.243975	50.0	995282.0	0.09122	N



Calibration

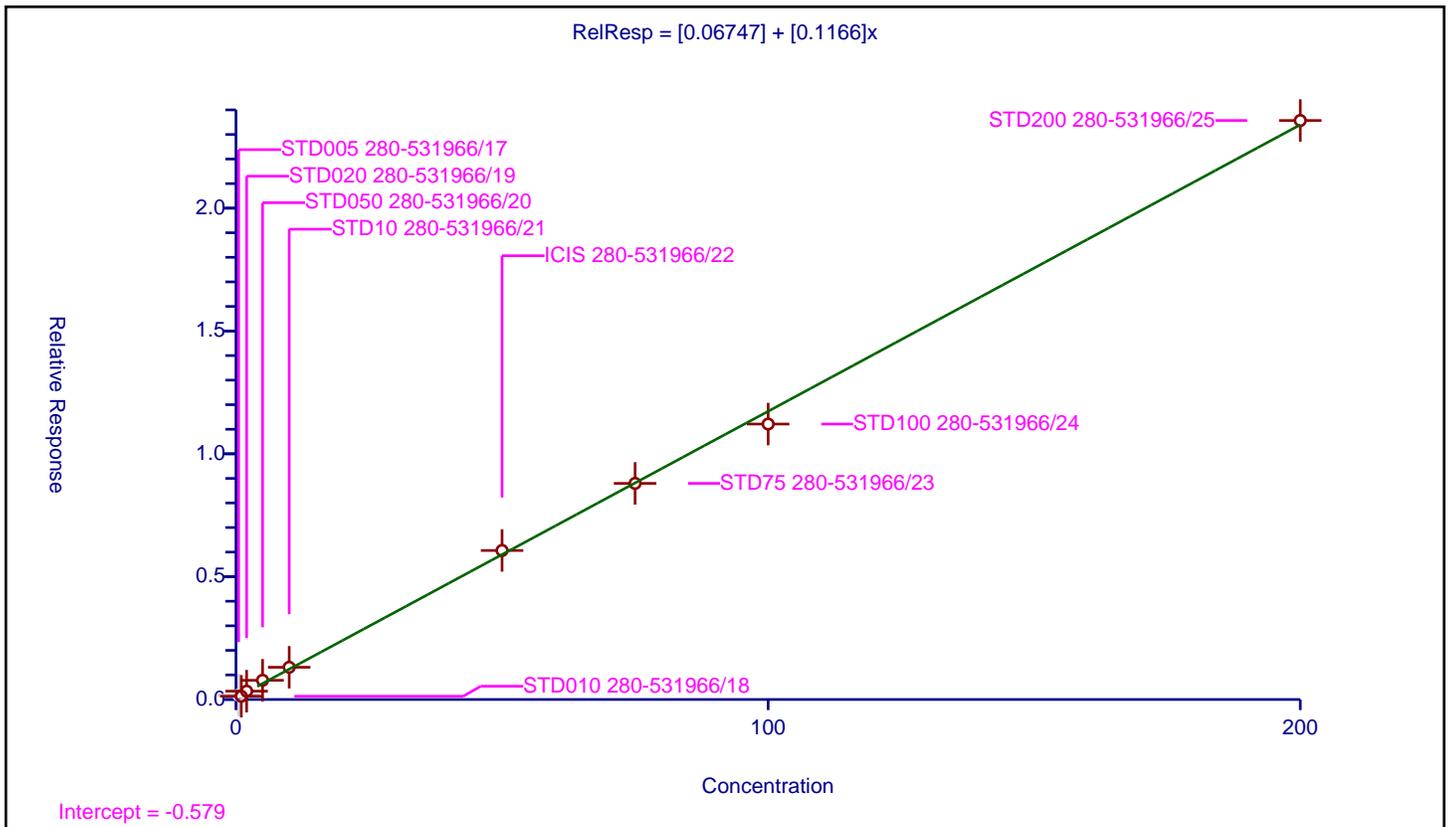
/ Chloroethane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.06747
Slope:	0.1166

Error Coefficients	
Standard Error:	229000
Relative Standard Error:	21.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.179074	50.0	927268.0	0.358149	N
2	STD010 280-531966/18	1.0	0.132023	50.0	936957.0	0.132023	Y
3	STD020 280-531966/19	2.0	0.339058	50.0	933175.0	0.169529	Y
4	STD050 280-531966/20	5.0	0.782444	50.0	970741.0	0.156489	Y
5	STD10 280-531966/21	10.0	1.311728	50.0	956105.0	0.131173	Y
6	ICIS 280-531966/22	50.0	6.065064	50.0	958778.0	0.121301	Y
7	STD75 280-531966/23	75.0	8.796862	50.0	980253.0	0.117291	Y
8	STD100 280-531966/24	100.0	11.212636	50.0	1003417.0	0.112126	Y
9	STD200 280-531966/25	200.0	23.568145	50.0	995282.0	0.117841	Y



**Calibration**

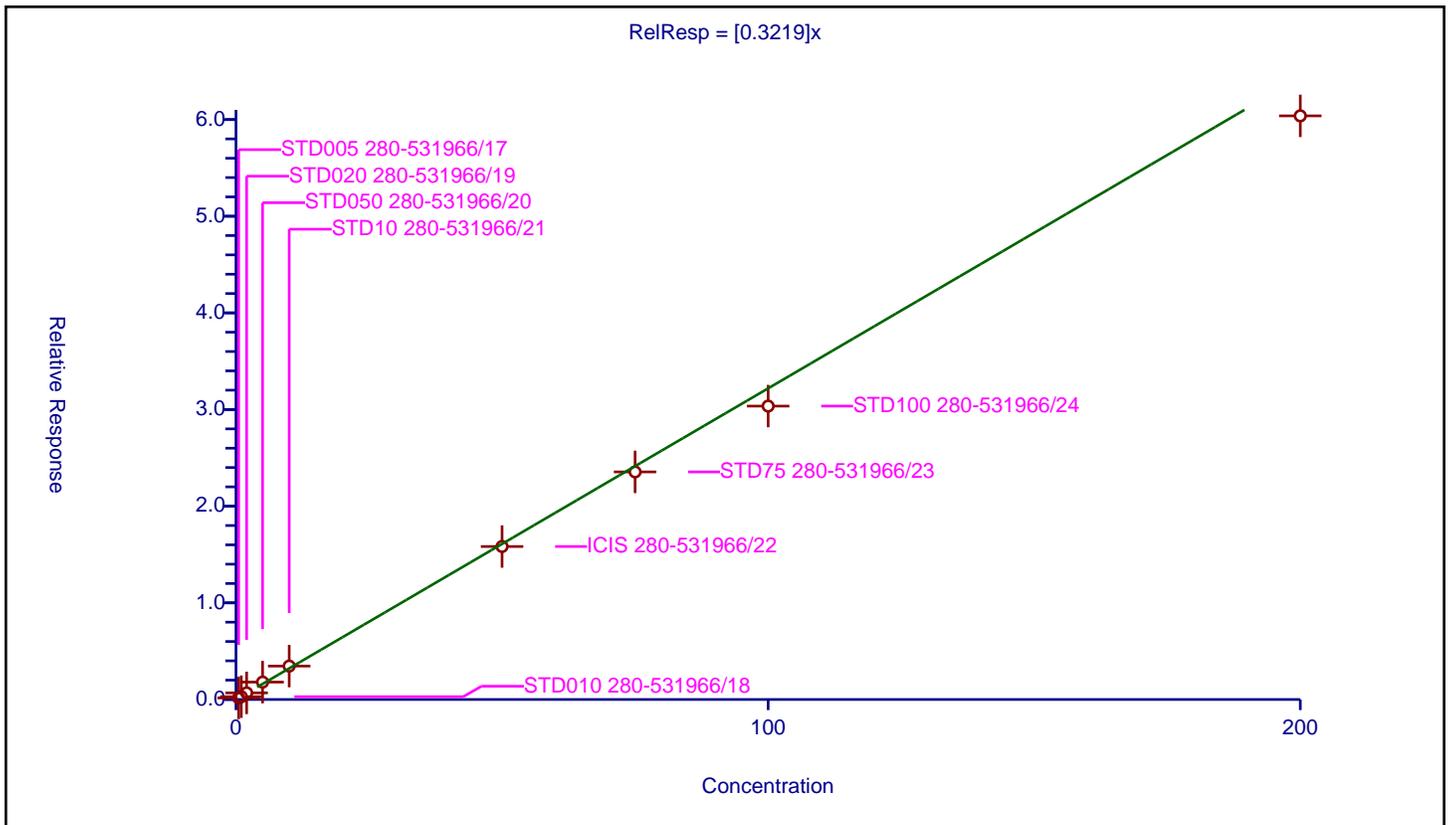
/ Dichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3219

Error Coefficients	
Standard Error:	516000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.161065	50.0	927268.0	0.322129	Y
2	STD010 280-531966/18	1.0	0.290301	50.0	936957.0	0.290301	Y
3	STD020 280-531966/19	2.0	0.684813	50.0	933175.0	0.342406	Y
4	STD050 280-531966/20	5.0	1.802128	50.0	970741.0	0.360426	Y
5	STD10 280-531966/21	10.0	3.457779	50.0	956105.0	0.345778	Y
6	ICIS 280-531966/22	50.0	15.828117	50.0	958778.0	0.316562	Y
7	STD75 280-531966/23	75.0	23.547849	50.0	980253.0	0.313971	Y
8	STD100 280-531966/24	100.0	30.354329	50.0	1003417.0	0.303543	Y
9	STD200 280-531966/25	200.0	60.381731	50.0	995282.0	0.301909	Y



Calibration

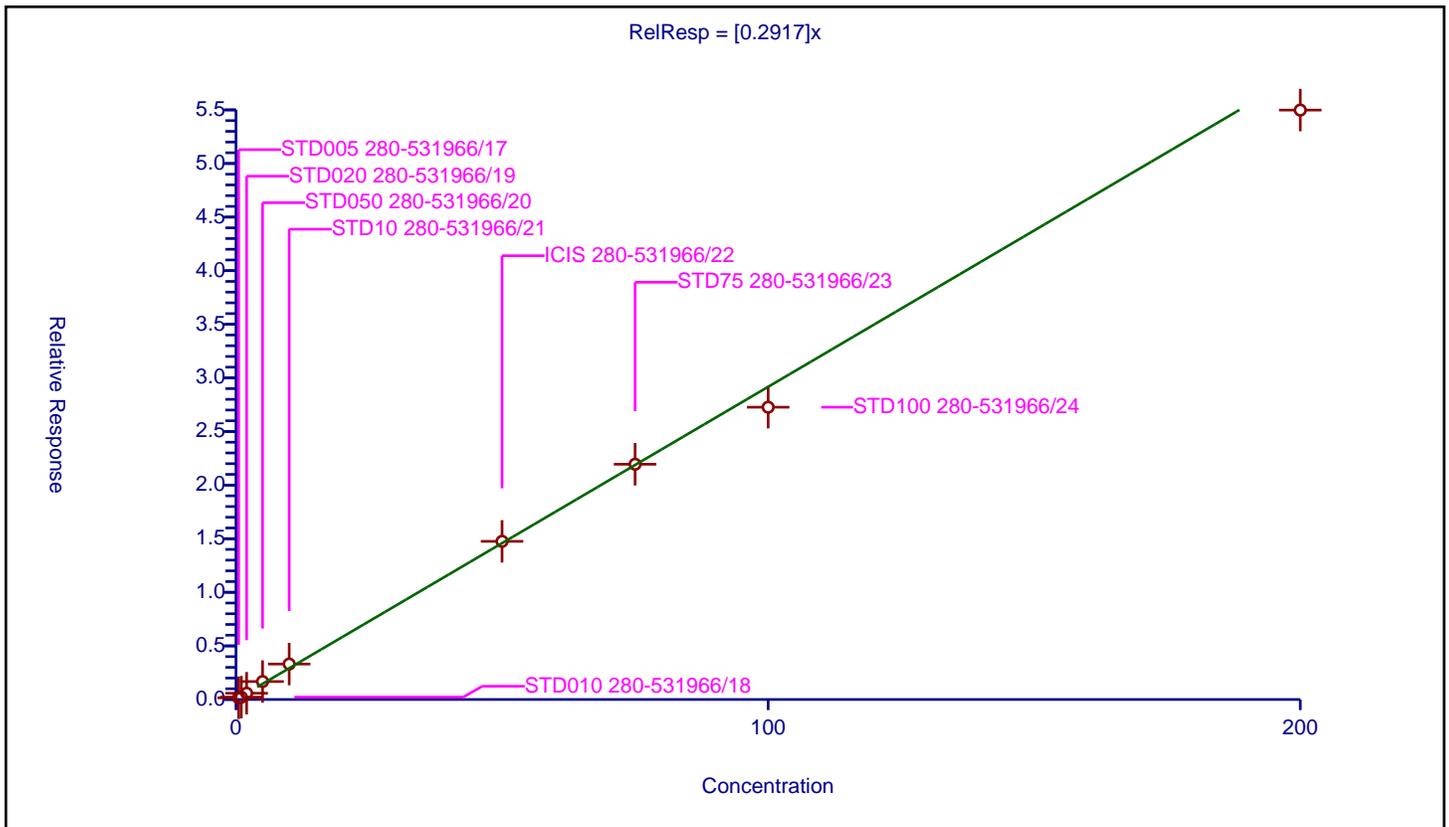
/ Trichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2917

Error Coefficients	
Standard Error:	470000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.155942	50.0	927268.0	0.311884	Y
2	STD010 280-531966/18	1.0	0.219167	50.0	936957.0	0.219167	Y
3	STD020 280-531966/19	2.0	0.585742	50.0	933175.0	0.292871	Y
4	STD050 280-531966/20	5.0	1.675318	50.0	970741.0	0.335064	Y
5	STD10 280-531966/21	10.0	3.308423	50.0	956105.0	0.330842	Y
6	ICIS 280-531966/22	50.0	14.752633	50.0	958778.0	0.295053	Y
7	STD75 280-531966/23	75.0	21.946018	50.0	980253.0	0.292614	Y
8	STD100 280-531966/24	100.0	27.265882	50.0	1003417.0	0.272659	Y
9	STD200 280-531966/25	200.0	54.982658	50.0	995282.0	0.274913	Y



**Calibration**

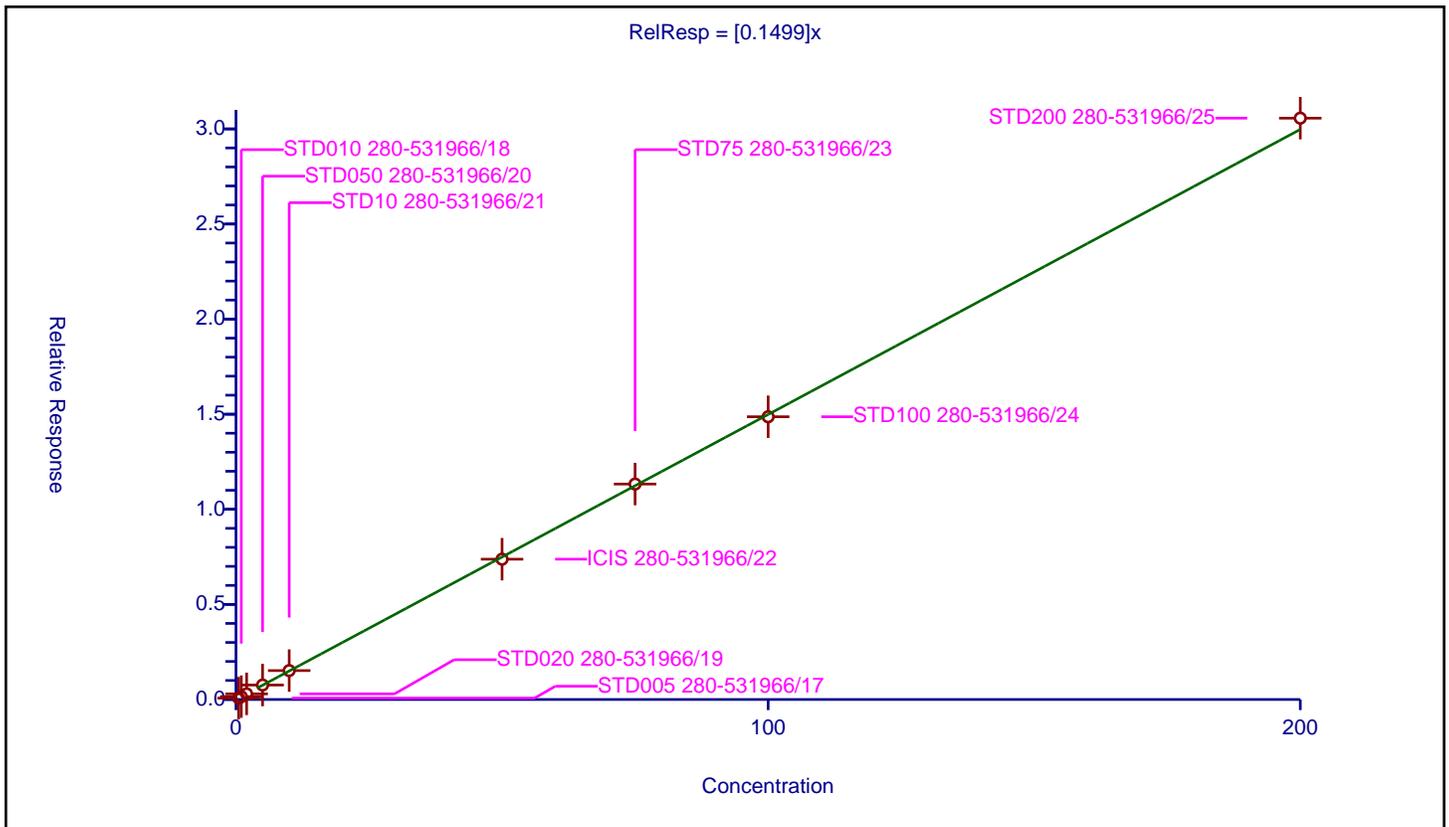
/ Ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1499

Error Coefficients	
Standard Error:	257000
Relative Standard Error:	1.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.072417	50.0	927268.0	0.144834	Y
2	STD010 280-531966/18	1.0	0.151768	50.0	936957.0	0.151768	Y
3	STD020 280-531966/19	2.0	0.295818	50.0	933175.0	0.147909	Y
4	STD050 280-531966/20	5.0	0.760605	50.0	970741.0	0.152121	Y
5	STD10 280-531966/21	10.0	1.520806	50.0	956105.0	0.152081	Y
6	ICIS 280-531966/22	50.0	7.377099	50.0	958778.0	0.147542	Y
7	STD75 280-531966/23	75.0	11.328147	50.0	980253.0	0.151042	Y
8	STD100 280-531966/24	100.0	14.866501	50.0	1003417.0	0.148665	Y
9	STD200 280-531966/25	200.0	30.565408	50.0	995282.0	0.152827	Y



Calibration

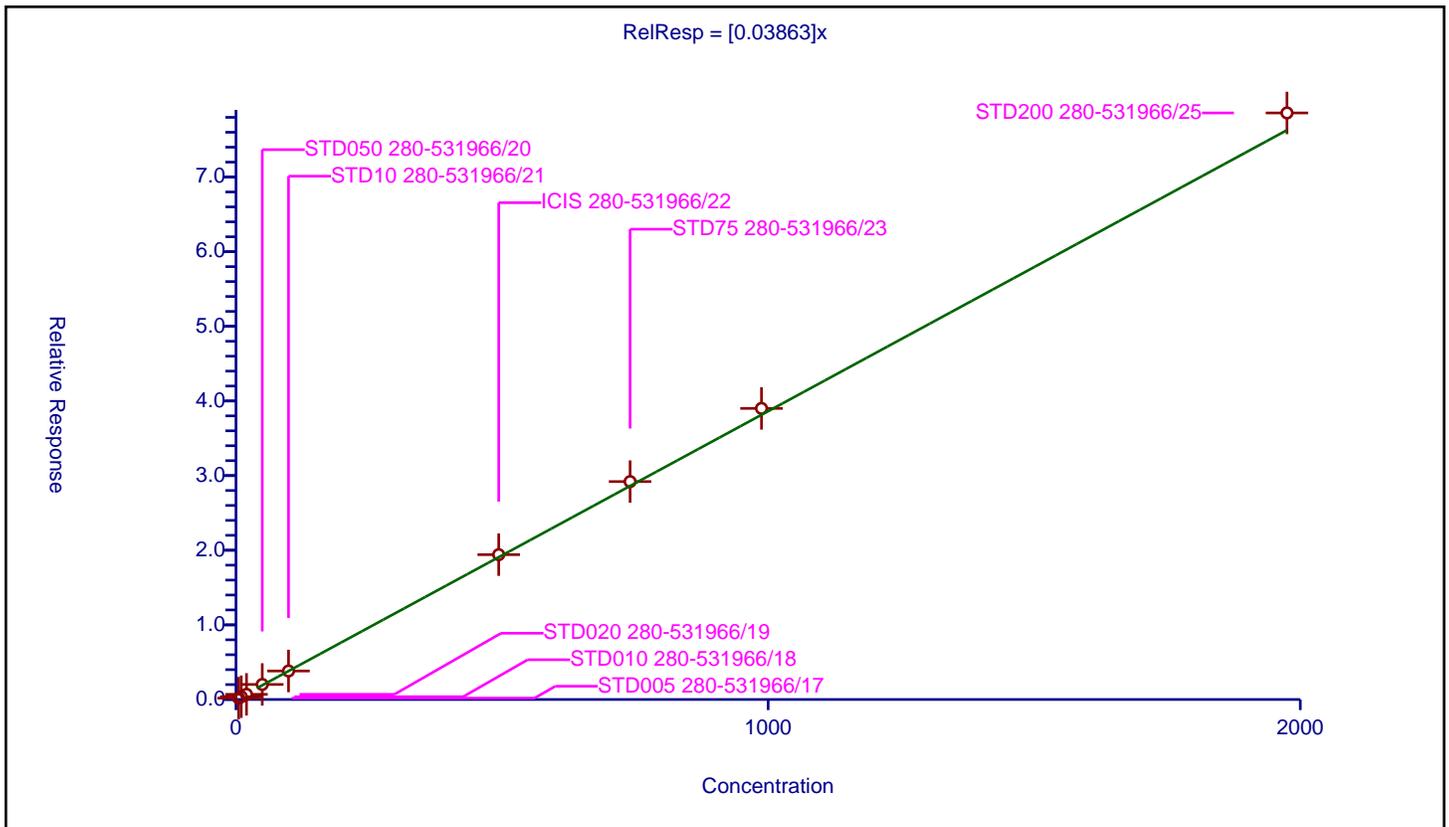
/ Acrolein

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03863

Error Coefficients	
Standard Error:	665000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	4.9375	0.182472	50.0	927268.0	0.036956	Y
2	STD010 280-531966/18	9.875	0.376218	50.0	936957.0	0.038098	Y
3	STD020 280-531966/19	19.75	0.691617	50.0	933175.0	0.035019	Y
4	STD050 280-531966/20	49.375	2.017273	50.0	970741.0	0.040856	Y
5	STD10 280-531966/21	98.75	3.819978	50.0	956105.0	0.038683	Y
6	ICIS 280-531966/22	493.75	19.407882	50.0	958778.0	0.039307	Y
7	STD75 280-531966/23	740.625	29.19787	50.0	980253.0	0.039423	Y
8	STD100 280-531966/24	987.5	39.004023	50.0	1003417.0	0.039498	Y
9	STD200 280-531966/25	1975.0	78.592449	50.0	995282.0	0.039794	Y



Calibration

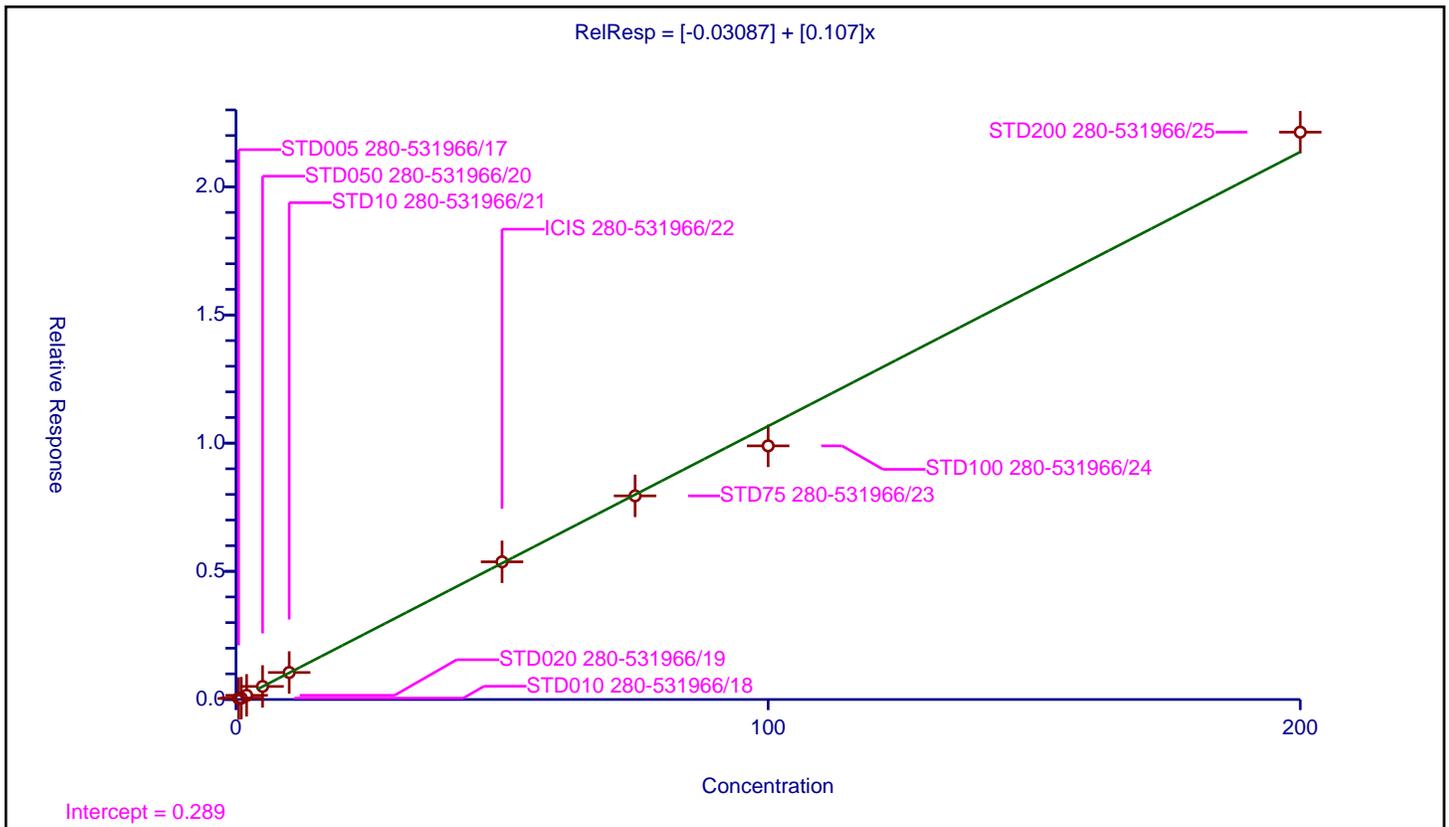
/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.03087
Slope:	0.107

Error Coefficients	
Standard Error:	196000
Relative Standard Error:	15.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.040064	50.0	927268.0	0.080128	Y
2	STD010 280-531966/18	1.0	0.052084	50.0	936957.0	0.052084	Y
3	STD020 280-531966/19	2.0	0.162724	50.0	933175.0	0.081362	Y
4	STD050 280-531966/20	5.0	0.509765	50.0	970741.0	0.101953	Y
5	STD10 280-531966/21	10.0	1.05365	50.0	956105.0	0.105365	Y
6	ICIS 280-531966/22	50.0	5.371004	50.0	958778.0	0.10742	Y
7	STD75 280-531966/23	75.0	7.943613	50.0	980253.0	0.105915	Y
8	STD100 280-531966/24	100.0	9.893643	50.0	1003417.0	0.098936	Y
9	STD200 280-531966/25	200.0	22.130763	50.0	995282.0	0.110654	Y



Calibration

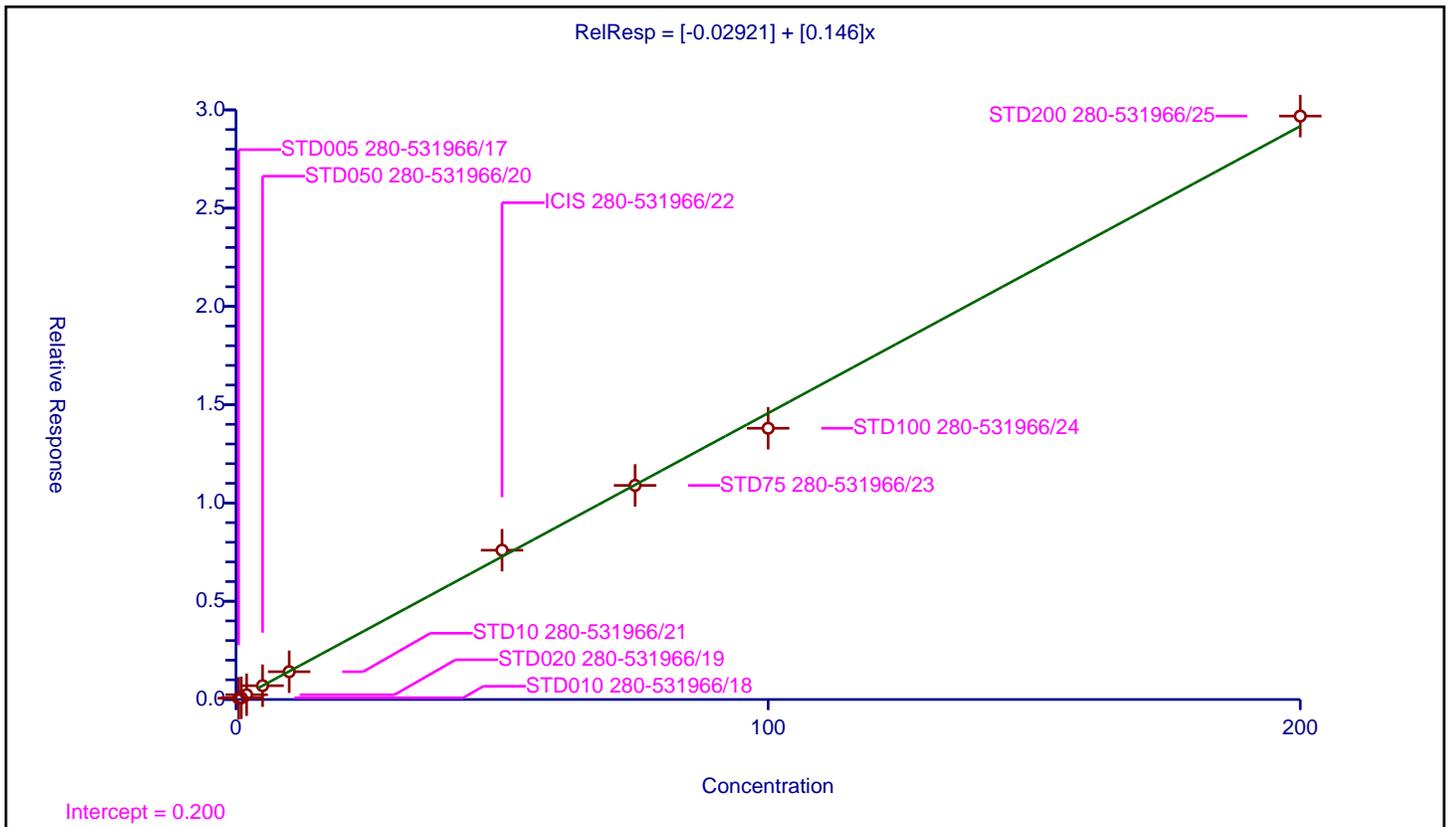
/ 1,1-Dichloroethene

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.02921
Slope:	0.146

Error Coefficients	
Standard Error:	266000
Relative Standard Error:	13.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.063682	50.0	927268.0	0.127363	Y
2	STD010 280-531966/18	1.0	0.087517	50.0	936957.0	0.087517	Y
3	STD020 280-531966/19	2.0	0.242452	50.0	933175.0	0.121226	Y
4	STD050 280-531966/20	5.0	0.702505	50.0	970741.0	0.140501	Y
5	STD10 280-531966/21	10.0	1.413338	50.0	956105.0	0.141334	Y
6	ICIS 280-531966/22	50.0	7.596858	50.0	958778.0	0.151937	Y
7	STD75 280-531966/23	75.0	10.894126	50.0	980253.0	0.145255	Y
8	STD100 280-531966/24	100.0	13.800892	50.0	1003417.0	0.138009	Y
9	STD200 280-531966/25	200.0	29.685155	50.0	995282.0	0.148426	Y



Calibration

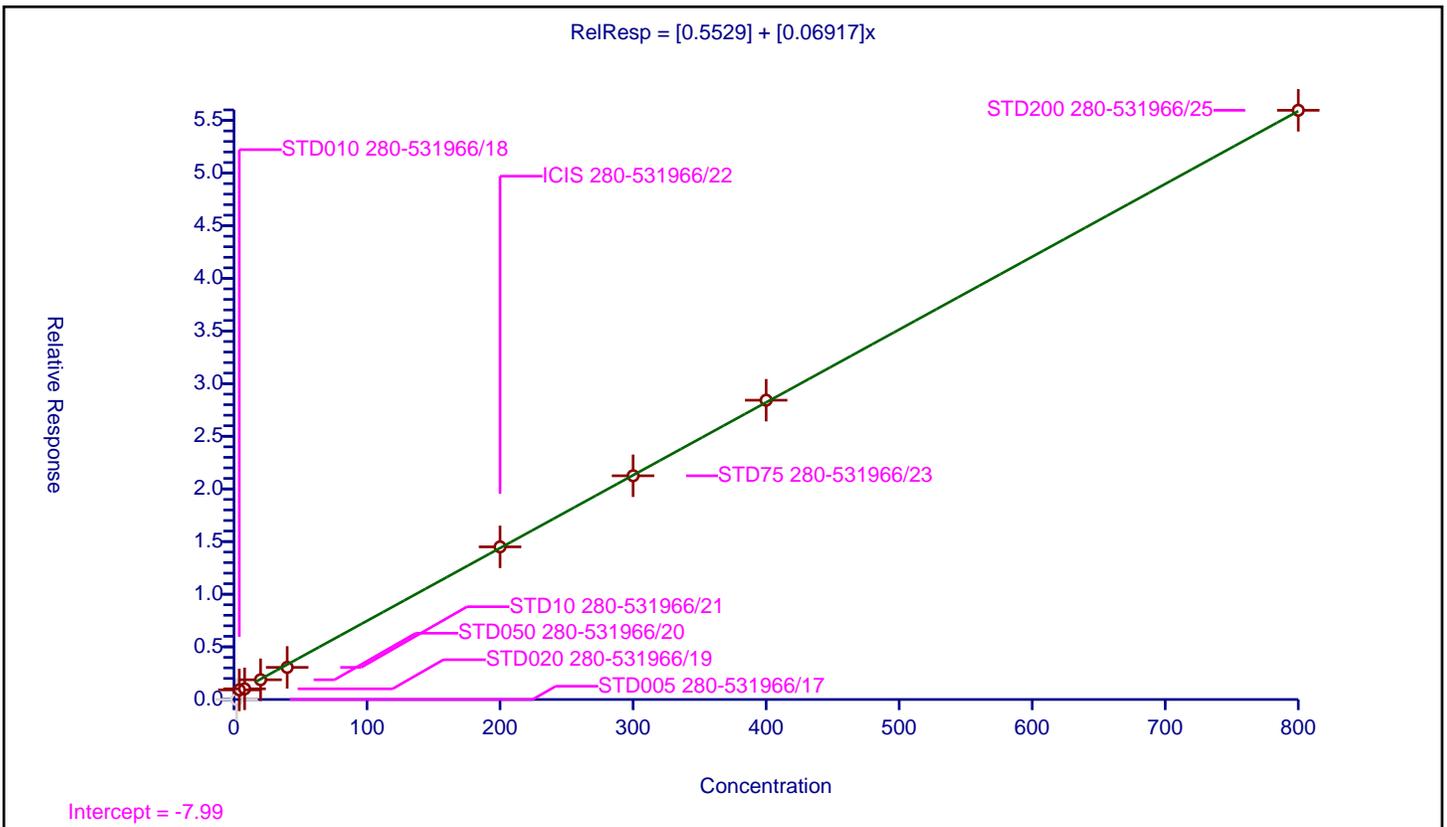
/ Acetone

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.5529
Slope:	0.06917

Error Coefficients	
Standard Error:	551000
Relative Standard Error:	14.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	2.0	0.0	50.0	927268.0	0.0	N
2	STD010 280-531966/18	4.0	0.911728	50.0	936957.0	0.227932	Y
3	STD020 280-531966/19	8.0	1.012618	50.0	933175.0	0.126577	Y
4	STD050 280-531966/20	20.0	1.874393	50.0	970741.0	0.09372	Y
5	STD10 280-531966/21	40.0	3.05024	50.0	956105.0	0.076256	Y
6	ICIS 280-531966/22	200.0	14.496682	50.0	958778.0	0.072483	Y
7	STD75 280-531966/23	300.0	21.249514	50.0	980253.0	0.070832	Y
8	STD100 280-531966/24	400.0	28.425271	50.0	1003417.0	0.071063	Y
9	STD200 280-531966/25	800.0	55.963435	50.0	995282.0	0.069954	Y



**Calibration**

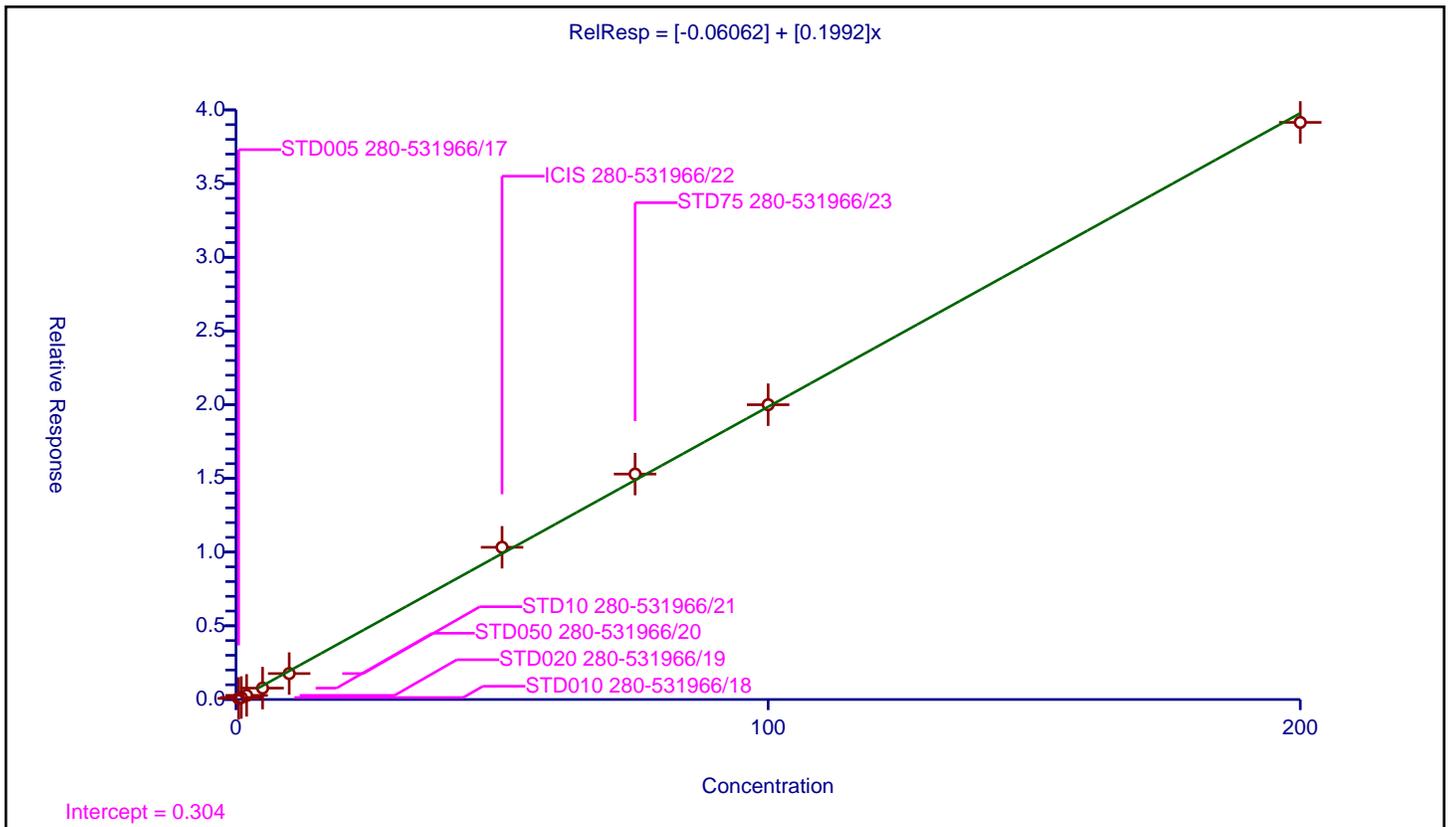
**/ Iodomethane**

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.06062
Slope:	0.1992

Error Coefficients	
Standard Error:	358000
Relative Standard Error:	16.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.074466	50.0	927268.0	0.148932	Y
2	STD010 280-531966/18	1.0	0.134051	50.0	936957.0	0.134051	Y
3	STD020 280-531966/19	2.0	0.279583	50.0	933175.0	0.139792	Y
4	STD050 280-531966/20	5.0	0.771782	50.0	970741.0	0.154356	Y
5	STD10 280-531966/21	10.0	1.760267	50.0	956105.0	0.176027	Y
6	ICIS 280-531966/22	50.0	10.325957	50.0	958778.0	0.206519	Y
7	STD75 280-531966/23	75.0	15.29549	50.0	980253.0	0.20394	Y
8	STD100 280-531966/24	100.0	19.999412	50.0	1003417.0	0.199994	Y
9	STD200 280-531966/25	200.0	39.152522	50.0	995282.0	0.195763	Y



**Calibration**

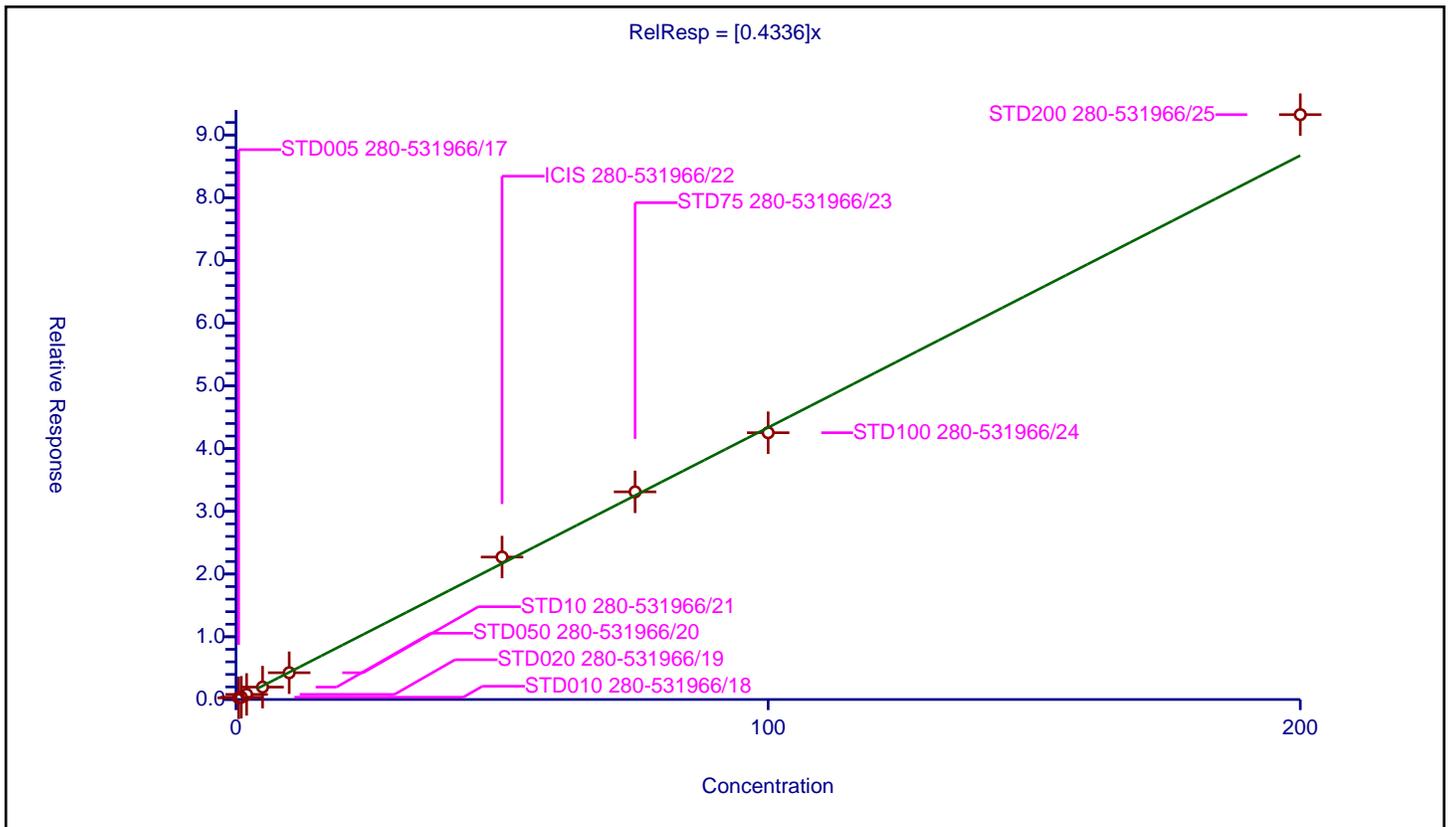
/ Carbon disulfide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4336

Error Coefficients	
Standard Error:	774000
Relative Standard Error:	10.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.263085	50.0	927268.0	0.526169	Y
2	STD010 280-531966/18	1.0	0.359782	50.0	936957.0	0.359782	Y
3	STD020 280-531966/19	2.0	0.815388	50.0	933175.0	0.407694	Y
4	STD050 280-531966/20	5.0	1.97478	50.0	970741.0	0.394956	Y
5	STD10 280-531966/21	10.0	4.268778	50.0	956105.0	0.426878	Y
6	ICIS 280-531966/22	50.0	22.710002	50.0	958778.0	0.4542	Y
7	STD75 280-531966/23	75.0	33.105433	50.0	980253.0	0.441406	Y
8	STD100 280-531966/24	100.0	42.534011	50.0	1003417.0	0.42534	Y
9	STD200 280-531966/25	200.0	93.24493	50.0	995282.0	0.466225	Y



Calibration

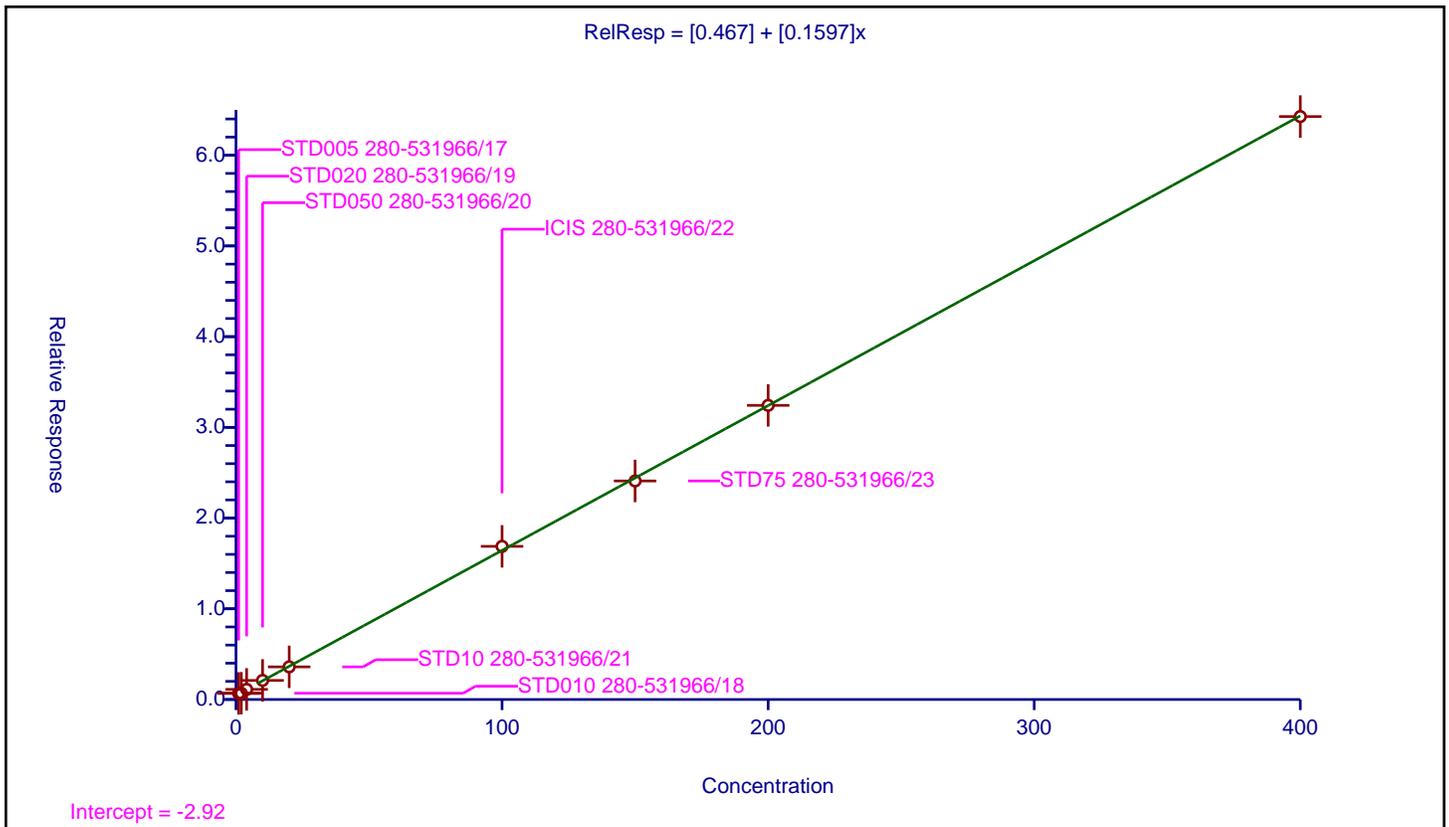
/ Methyl acetate

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.467
Slope:	0.1597

Error Coefficients	
Standard Error:	585000
Relative Standard Error:	15.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	1.0	0.669062	50.0	927268.0	0.669062	Y
2	STD010 280-531966/18	2.0	0.690213	50.0	936957.0	0.345107	Y
3	STD020 280-531966/19	4.0	1.116832	50.0	933175.0	0.279208	Y
4	STD050 280-531966/20	10.0	2.103599	50.0	970741.0	0.21036	Y
5	STD10 280-531966/21	20.0	3.597408	50.0	956105.0	0.17987	Y
6	ICIS 280-531966/22	100.0	16.881802	50.0	958778.0	0.168818	Y
7	STD75 280-531966/23	150.0	24.093882	50.0	980253.0	0.160626	Y
8	STD100 280-531966/24	200.0	32.425951	50.0	1003417.0	0.16213	Y
9	STD200 280-531966/25	400.0	64.266761	50.0	995282.0	0.160667	Y



Calibration

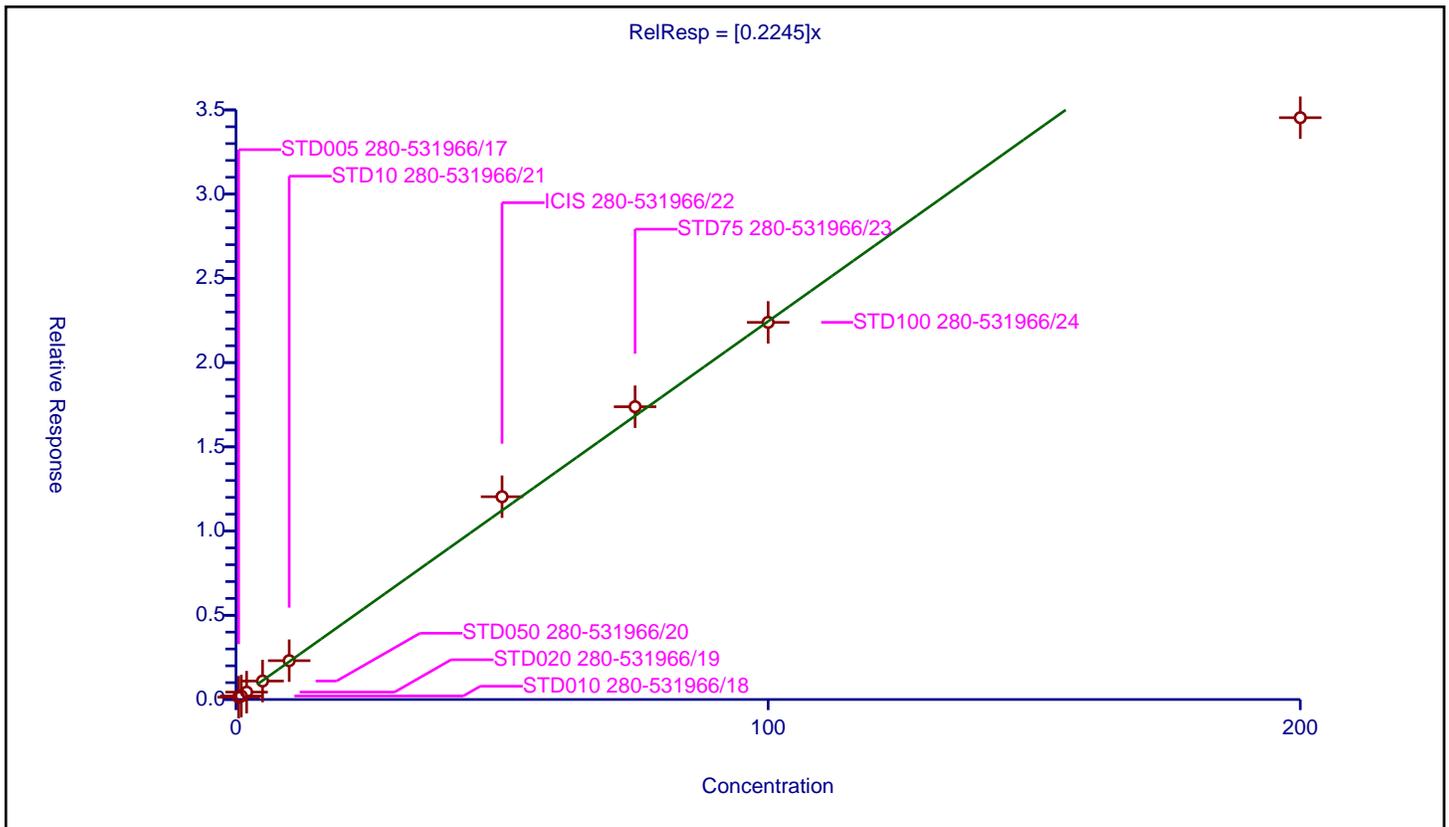
/ 3-Chloro-1-propene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2245

Error Coefficients	
Standard Error:	325000
Relative Standard Error:	12.3
Correlation Coefficient:	0.974
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.137986	50.0	927268.0	0.275972	Y
2	STD010 280-531966/18	1.0	0.206253	50.0	936957.0	0.206253	Y
3	STD020 280-531966/19	2.0	0.438557	50.0	933175.0	0.219278	Y
4	STD050 280-531966/20	5.0	1.095864	50.0	970741.0	0.219173	Y
5	STD10 280-531966/21	10.0	2.305291	50.0	956105.0	0.230529	Y
6	ICIS 280-531966/22	50.0	12.037197	50.0	958778.0	0.240744	Y
7	STD75 280-531966/23	75.0	17.379238	50.0	980253.0	0.231723	Y
8	STD100 280-531966/24	100.0	22.387651	50.0	1003417.0	0.223877	Y
9	STD200 280-531966/25	200.0	34.536594	50.0	995282.0	0.172683	Y



Calibration

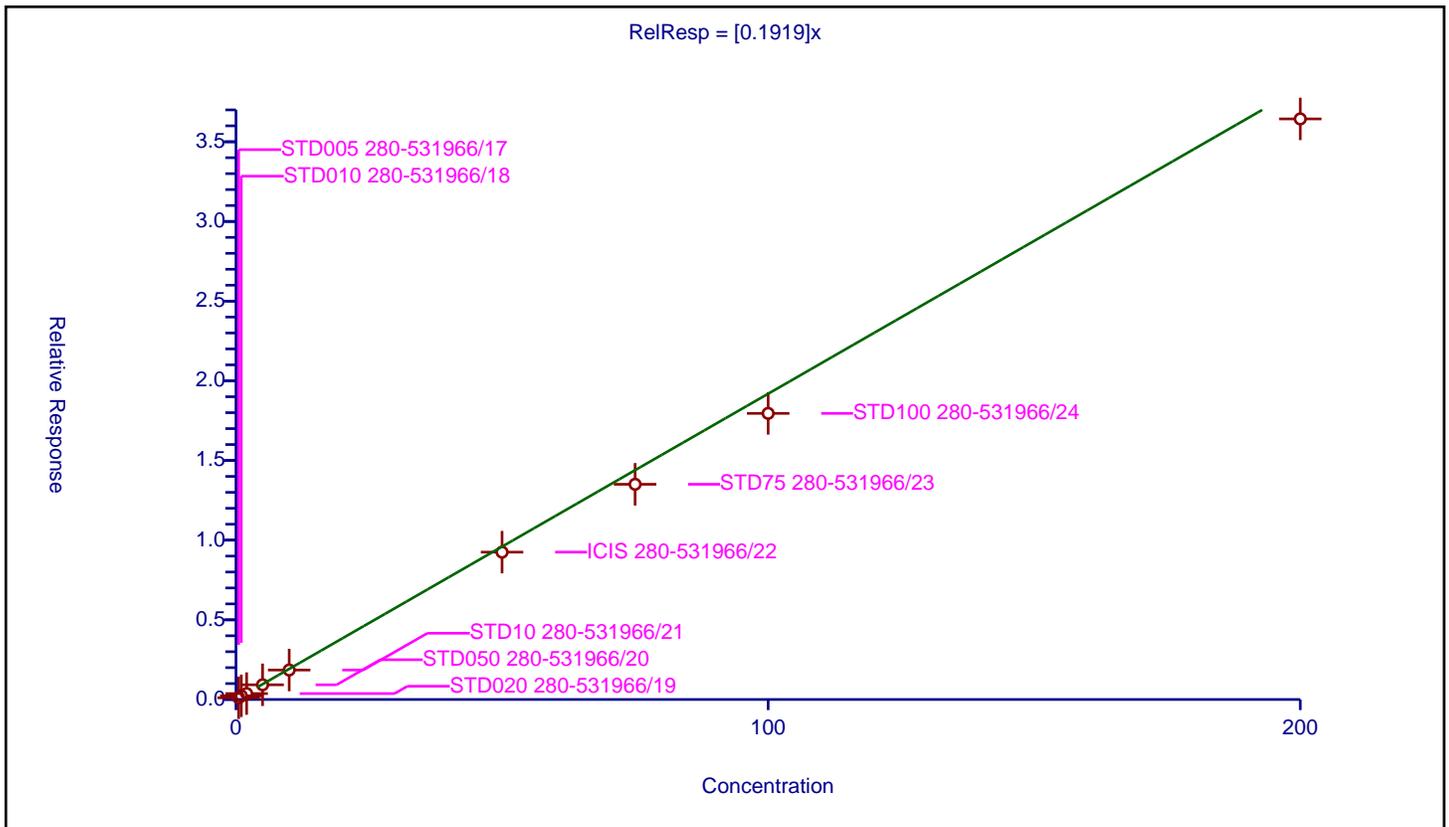
/ Methylene Chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1919

Error Coefficients	
Standard Error:	308000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.107358	50.0	927268.0	0.214717	Y
2	STD010 280-531966/18	1.0	0.229626	50.0	936957.0	0.229626	Y
3	STD020 280-531966/19	2.0	0.372331	50.0	933175.0	0.186166	Y
4	STD050 280-531966/20	5.0	0.922903	50.0	970741.0	0.184581	Y
5	STD10 280-531966/21	10.0	1.849326	50.0	956105.0	0.184933	Y
6	ICIS 280-531966/22	50.0	9.246823	50.0	958778.0	0.184936	Y
7	STD75 280-531966/23	75.0	13.505799	50.0	980253.0	0.180077	Y
8	STD100 280-531966/24	100.0	17.95435	50.0	1003417.0	0.179543	Y
9	STD200 280-531966/25	200.0	36.433644	50.0	995282.0	0.182168	Y



Calibration

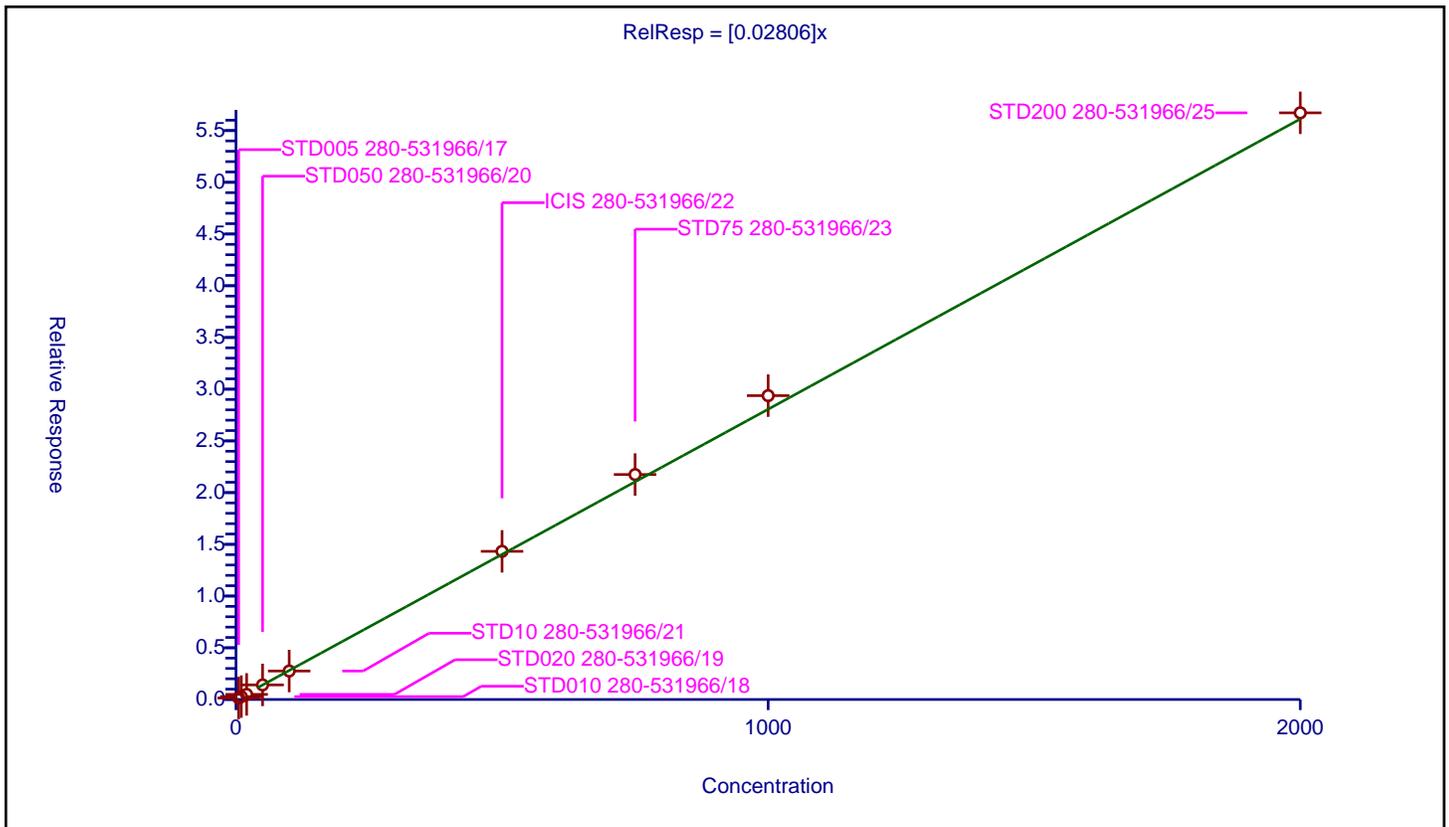
/ 2-Methyl-2-propanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02806

Error Coefficients	
Standard Error:	485000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	5.0	0.143378	50.0	927268.0	0.028676	Y
2	STD010 280-531966/18	10.0	0.280589	50.0	936957.0	0.028059	Y
3	STD020 280-531966/19	20.0	0.493369	50.0	933175.0	0.024668	Y
4	STD050 280-531966/20	50.0	1.410469	50.0	970741.0	0.028209	Y
5	STD10 280-531966/21	100.0	2.754875	50.0	956105.0	0.027549	Y
6	ICIS 280-531966/22	500.0	14.323337	50.0	958778.0	0.028647	Y
7	STD75 280-531966/23	750.0	21.747906	50.0	980253.0	0.028997	Y
8	STD100 280-531966/24	1000.0	29.374627	50.0	1003417.0	0.029375	Y
9	STD200 280-531966/25	2000.0	56.715333	50.0	995282.0	0.028358	Y



Calibration

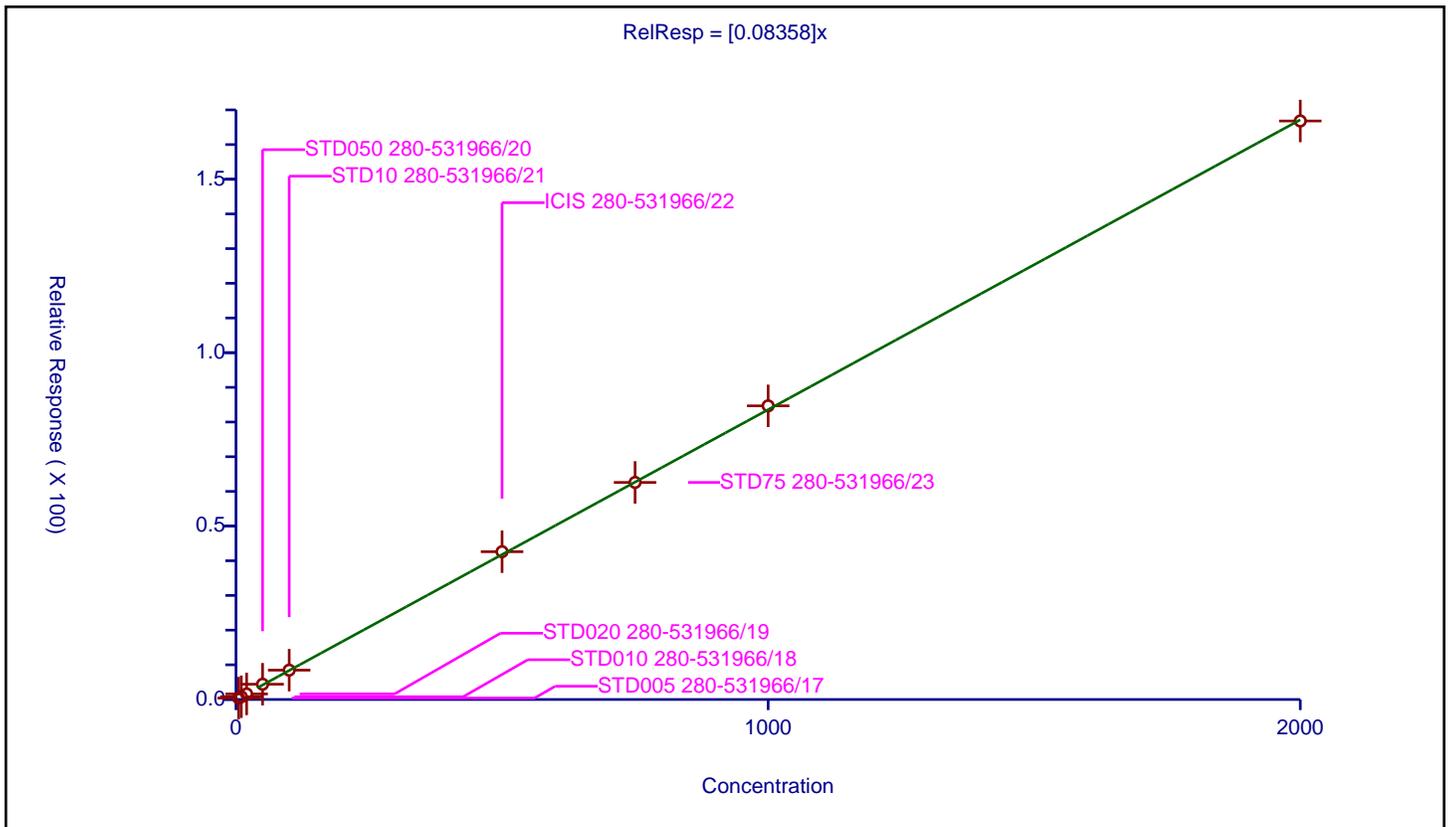
/ Acrylonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.08358

Error Coefficients	
Standard Error:	1420000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	5.0	0.412664	50.0	927268.0	0.082533	Y
2	STD010 280-531966/18	10.0	0.801104	50.0	936957.0	0.08011	Y
3	STD020 280-531966/19	20.0	1.602647	50.0	933175.0	0.080132	Y
4	STD050 280-531966/20	50.0	4.405346	50.0	970741.0	0.088107	Y
5	STD10 280-531966/21	100.0	8.455661	50.0	956105.0	0.084557	Y
6	ICIS 280-531966/22	500.0	42.611272	50.0	958778.0	0.085223	Y
7	STD75 280-531966/23	750.0	62.587261	50.0	980253.0	0.08345	Y
8	STD100 280-531966/24	1000.0	84.668139	50.0	1003417.0	0.084668	Y
9	STD200 280-531966/25	2000.0	166.800515	50.0	995282.0	0.0834	Y



**Calibration**

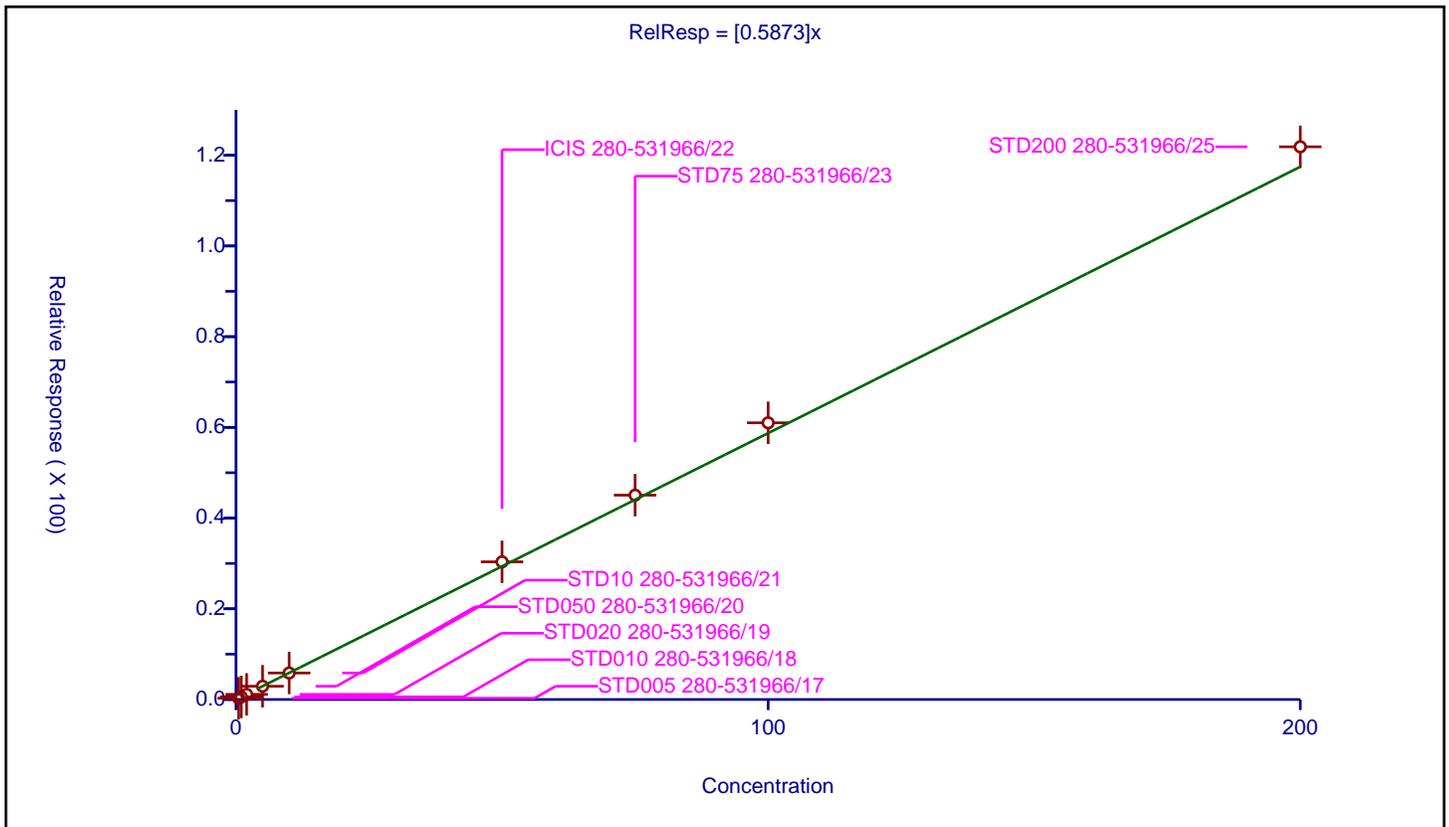
/ Methyl tert-butyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5873

Error Coefficients	
Standard Error:	1030000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.275756	50.0	927268.0	0.551513	Y
2	STD010 280-531966/18	1.0	0.572438	50.0	936957.0	0.572438	Y
3	STD020 280-531966/19	2.0	1.128727	50.0	933175.0	0.564364	Y
4	STD050 280-531966/20	5.0	2.928021	50.0	970741.0	0.585604	Y
5	STD10 280-531966/21	10.0	5.844599	50.0	956105.0	0.58446	Y
6	ICIS 280-531966/22	50.0	30.348475	50.0	958778.0	0.606969	Y
7	STD75 280-531966/23	75.0	45.055205	50.0	980253.0	0.600736	Y
8	STD100 280-531966/24	100.0	61.007487	50.0	1003417.0	0.610075	Y
9	STD200 280-531966/25	200.0	121.859031	50.0	995282.0	0.609295	Y



Calibration

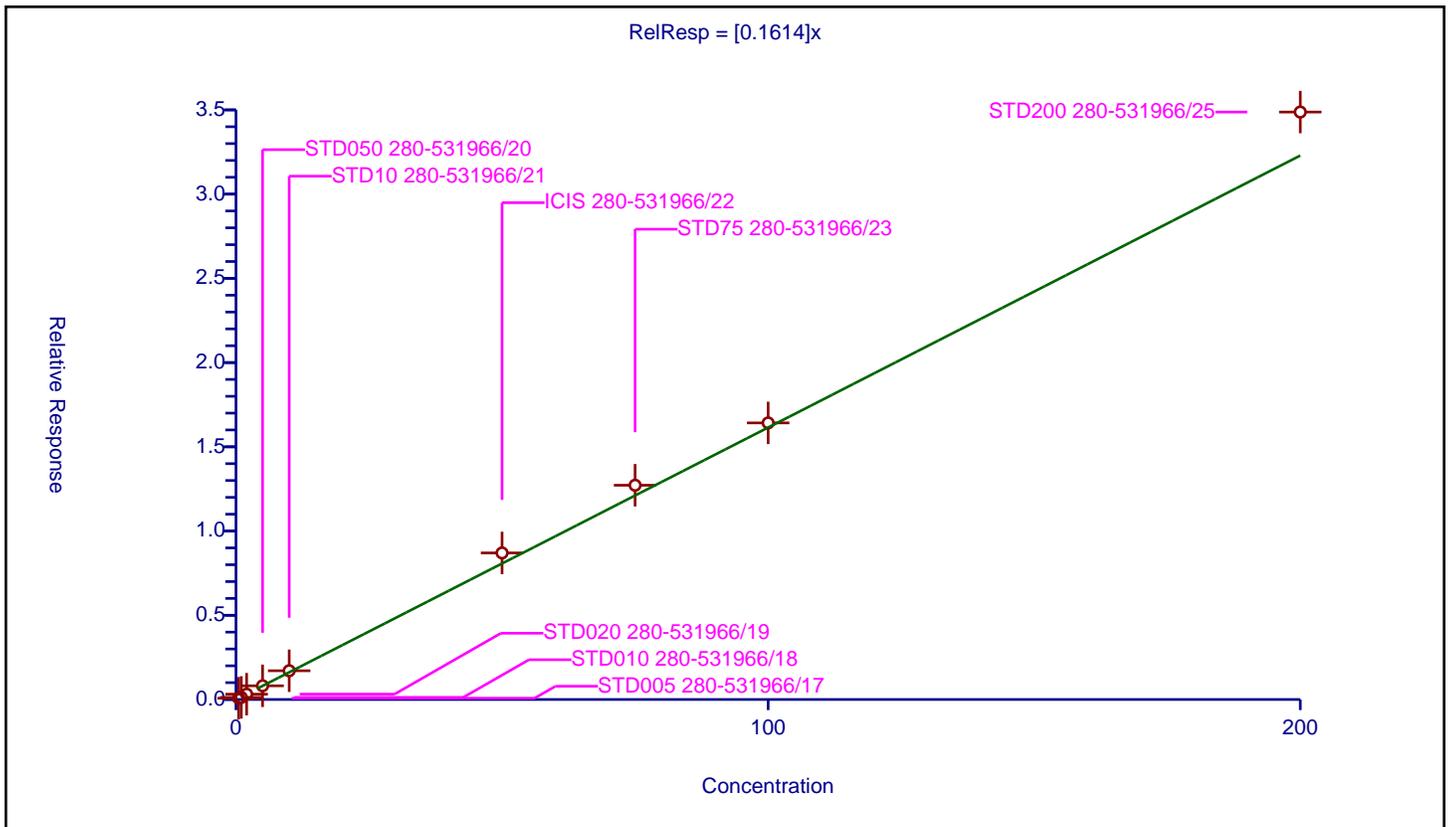
/ trans-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1614

Error Coefficients	
Standard Error:	292000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.076677	50.0	927268.0	0.153354	Y
2	STD010 280-531966/18	1.0	0.125513	50.0	936957.0	0.125513	Y
3	STD020 280-531966/19	2.0	0.317518	50.0	933175.0	0.158759	Y
4	STD050 280-531966/20	5.0	0.813039	50.0	970741.0	0.162608	Y
5	STD10 280-531966/21	10.0	1.706507	50.0	956105.0	0.170651	Y
6	ICIS 280-531966/22	50.0	8.699616	50.0	958778.0	0.173992	Y
7	STD75 280-531966/23	75.0	12.719012	50.0	980253.0	0.169587	Y
8	STD100 280-531966/24	100.0	16.418299	50.0	1003417.0	0.164183	Y
9	STD200 280-531966/25	200.0	34.871775	50.0	995282.0	0.174359	Y



Calibration

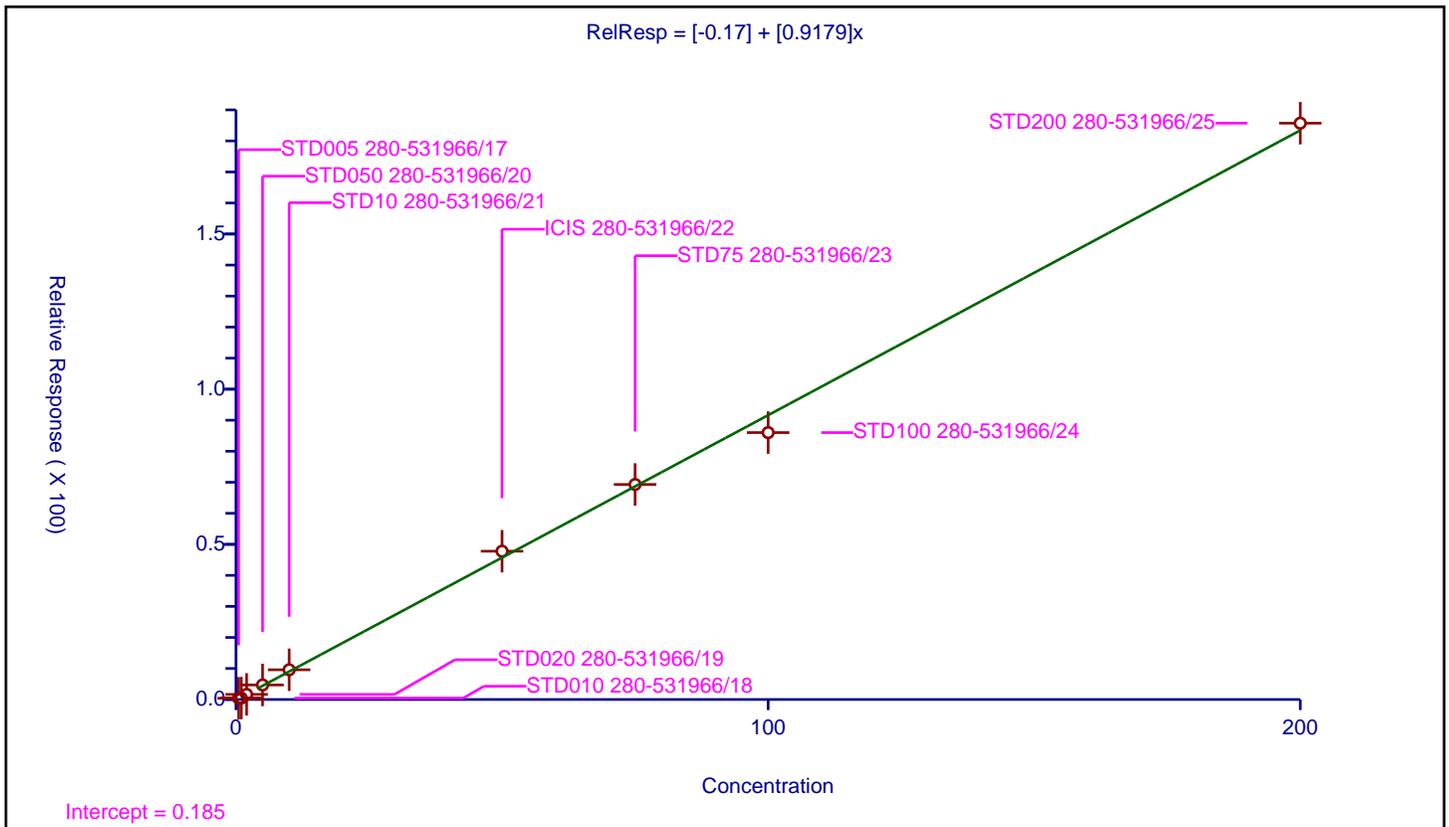
/ Hexane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.17
Slope:	0.9179

Error Coefficients	
Standard Error:	386000
Relative Standard Error:	15.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.387152	50.0	213353.0	0.774304	Y
2	STD010 280-531966/18	1.0	0.447647	50.0	215125.0	0.447647	Y
3	STD020 280-531966/19	2.0	1.643215	50.0	212206.0	0.821607	Y
4	STD050 280-531966/20	5.0	4.685239	50.0	221835.0	0.937048	Y
5	STD10 280-531966/21	10.0	9.577104	50.0	220385.0	0.95771	Y
6	ICIS 280-531966/22	50.0	47.784975	50.0	218756.0	0.9557	Y
7	STD75 280-531966/23	75.0	69.292905	50.0	225005.0	0.923905	Y
8	STD100 280-531966/24	100.0	86.012982	50.0	233252.0	0.86013	Y
9	STD200 280-531966/25	200.0	185.718237	50.0	231400.0	0.928591	Y



**Calibration**

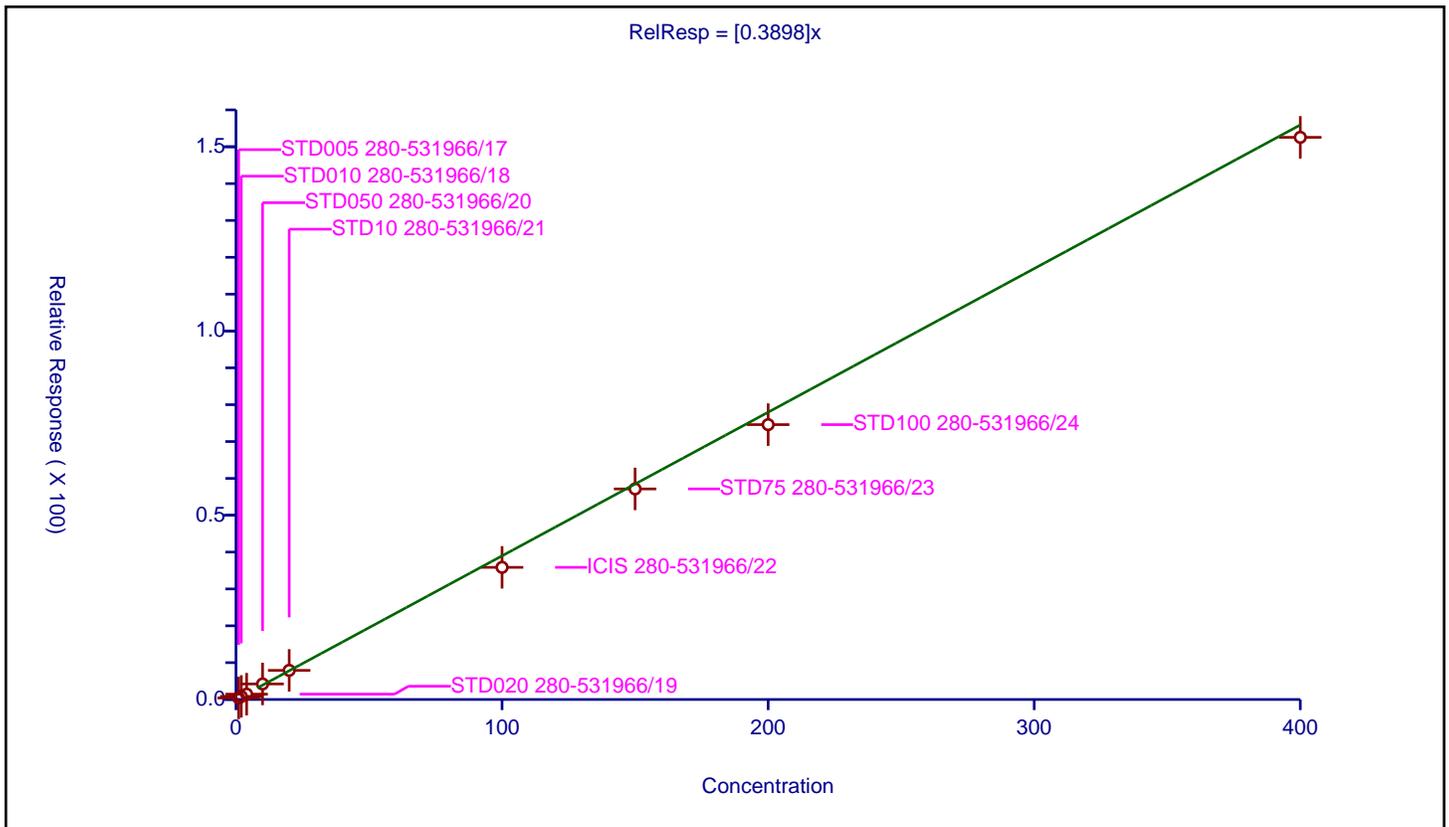
/ Vinyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3898

Error Coefficients	
Standard Error:	1290000
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	1.0	0.414713	50.0	927268.0	0.414713	Y
2	STD010 280-531966/18	2.0	0.839473	50.0	936957.0	0.419736	Y
3	STD020 280-531966/19	4.0	1.450478	50.0	933175.0	0.36262	Y
4	STD050 280-531966/20	10.0	4.220384	50.0	970741.0	0.422038	Y
5	STD10 280-531966/21	20.0	7.902322	50.0	956105.0	0.395116	Y
6	ICIS 280-531966/22	100.0	35.854703	50.0	958778.0	0.358547	Y
7	STD75 280-531966/23	150.0	57.139075	50.0	980253.0	0.380927	Y
8	STD100 280-531966/24	200.0	74.593315	50.0	1003417.0	0.372967	Y
9	STD200 280-531966/25	400.0	152.55199	50.0	995282.0	0.38138	Y



Calibration

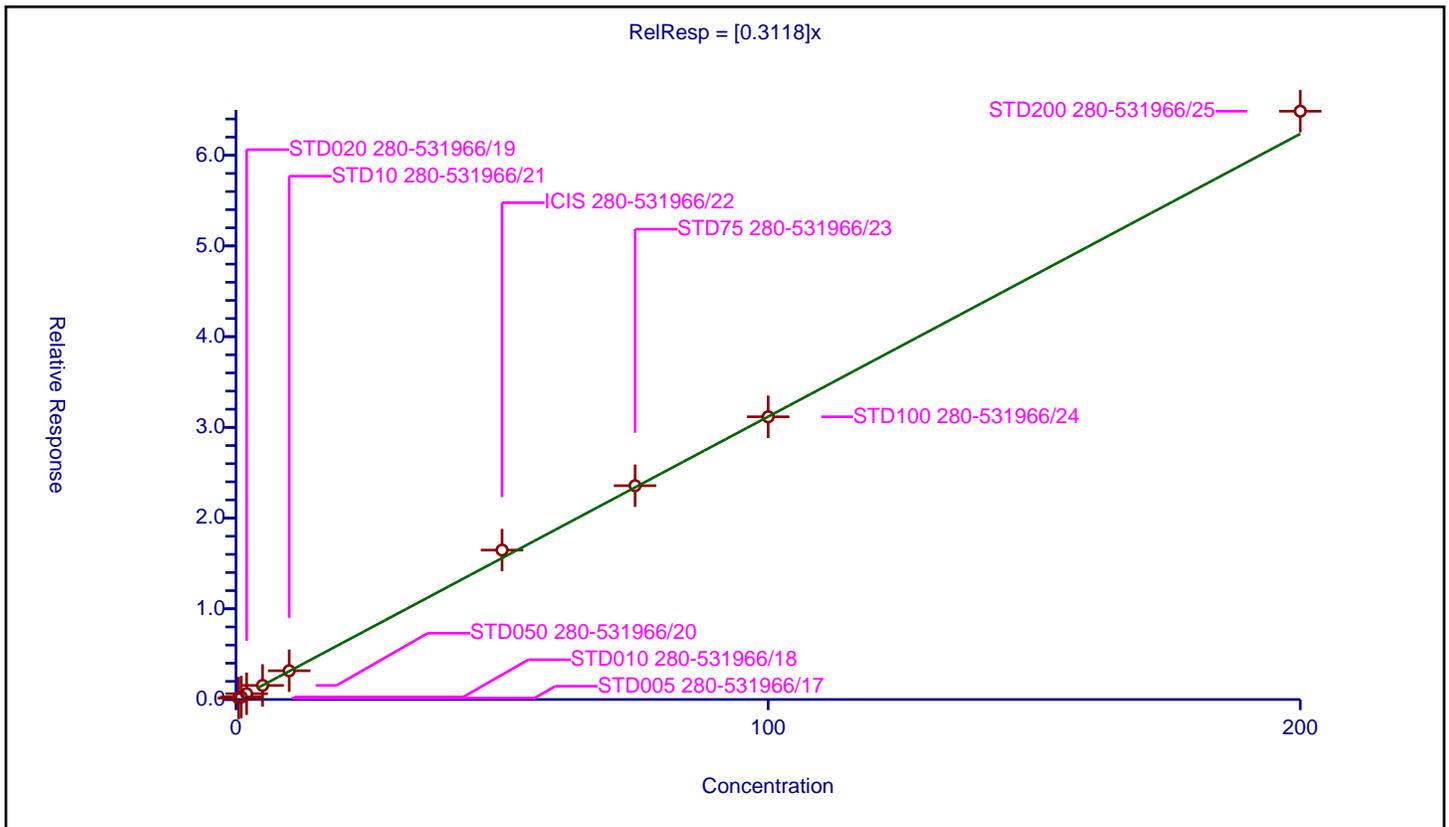
/ 1,1-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3118

Error Coefficients	
Standard Error:	545000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.153246	50.0	927268.0	0.306492	Y
2	STD010 280-531966/18	1.0	0.275039	50.0	936957.0	0.275039	Y
3	STD020 280-531966/19	2.0	0.636376	50.0	933175.0	0.318188	Y
4	STD050 280-531966/20	5.0	1.549435	50.0	970741.0	0.309887	Y
5	STD10 280-531966/21	10.0	3.168951	50.0	956105.0	0.316895	Y
6	ICIS 280-531966/22	50.0	16.471383	50.0	958778.0	0.329428	Y
7	STD75 280-531966/23	75.0	23.571415	50.0	980253.0	0.314286	Y
8	STD100 280-531966/24	100.0	31.165208	50.0	1003417.0	0.311652	Y
9	STD200 280-531966/25	200.0	64.855538	50.0	995282.0	0.324278	Y



**Calibration**

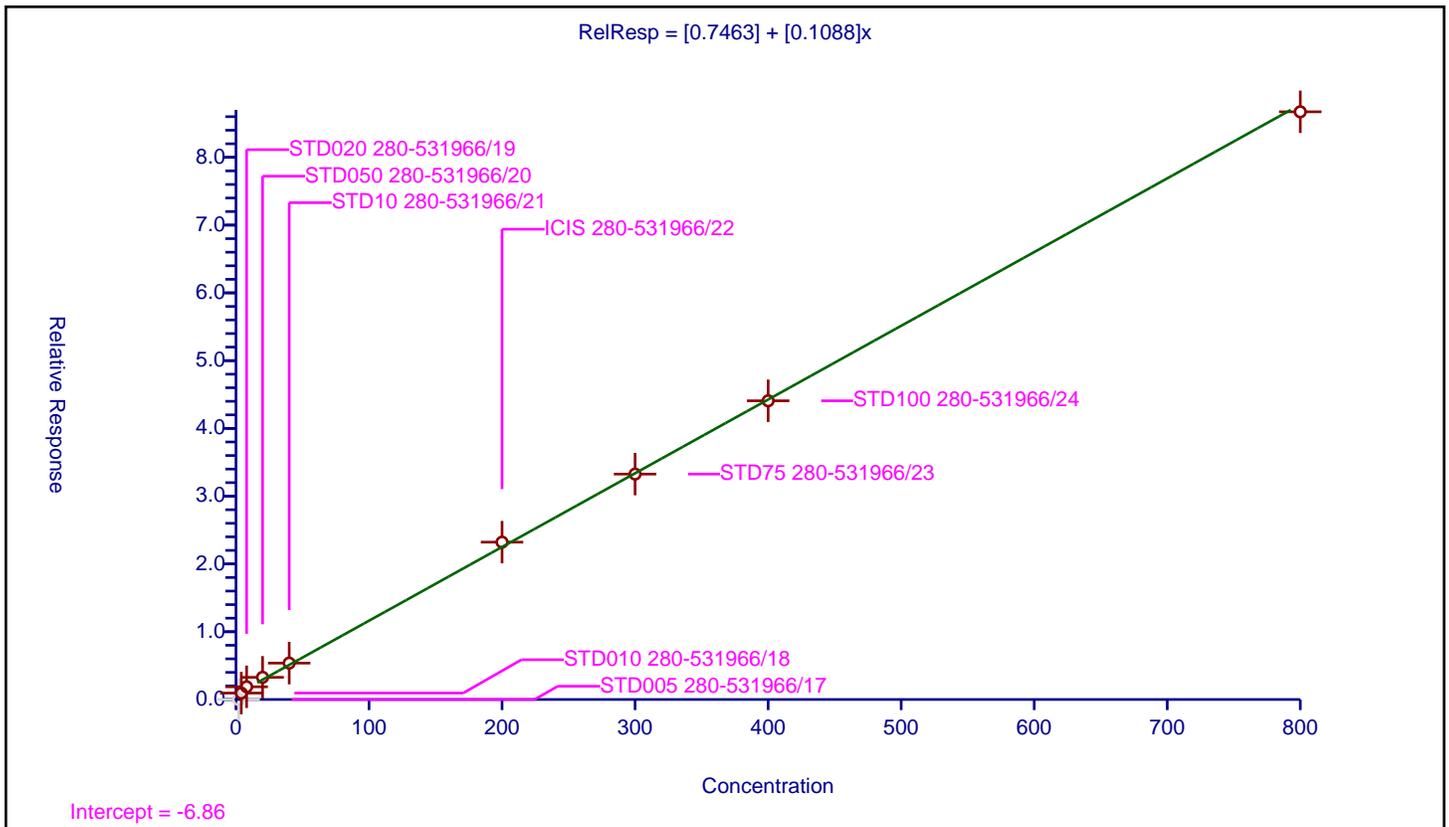
**/ 2-Butanone (MEK)**

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.7463
Slope:	0.1088

Error Coefficients	
Standard Error:	856000
Relative Standard Error:	25.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	2.0	0.0	50.0	927268.0	0.0	N
2	STD010 280-531966/18	4.0	0.950417	50.0	936957.0	0.237604	Y
3	STD020 280-531966/19	8.0	1.872371	50.0	933175.0	0.234046	Y
4	STD050 280-531966/20	20.0	3.274097	50.0	970741.0	0.163705	Y
5	STD10 280-531966/21	40.0	5.369808	50.0	956105.0	0.134245	Y
6	ICIS 280-531966/22	200.0	23.217314	50.0	958778.0	0.116087	Y
7	STD75 280-531966/23	300.0	33.263861	50.0	980253.0	0.11088	Y
8	STD100 280-531966/24	400.0	44.074747	50.0	1003417.0	0.110187	Y
9	STD200 280-531966/25	800.0	86.717985	50.0	995282.0	0.108397	Y



Calibration

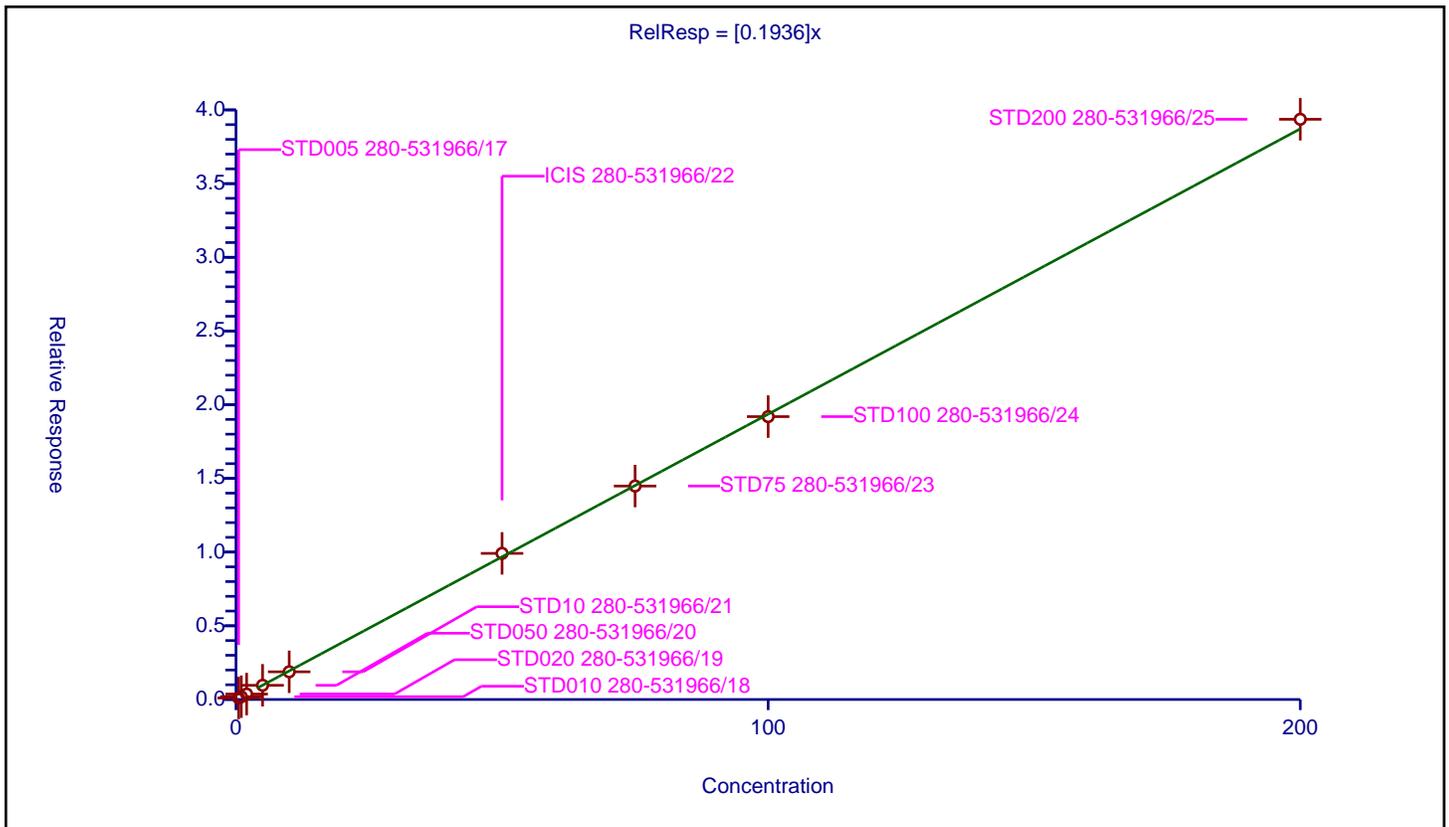
/ cis-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1936

Error Coefficients	
Standard Error:	332000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.102452	50.0	927268.0	0.204903	Y
2	STD010 280-531966/18	1.0	0.191738	50.0	936957.0	0.191738	Y
3	STD020 280-531966/19	2.0	0.369598	50.0	933175.0	0.184799	Y
4	STD050 280-531966/20	5.0	0.963851	50.0	970741.0	0.19277	Y
5	STD10 280-531966/21	10.0	1.878402	50.0	956105.0	0.18784	Y
6	ICIS 280-531966/22	50.0	9.913348	50.0	958778.0	0.198267	Y
7	STD75 280-531966/23	75.0	14.481772	50.0	980253.0	0.19309	Y
8	STD100 280-531966/24	100.0	19.191772	50.0	1003417.0	0.191918	Y
9	STD200 280-531966/25	200.0	39.362362	50.0	995282.0	0.196812	Y



Calibration

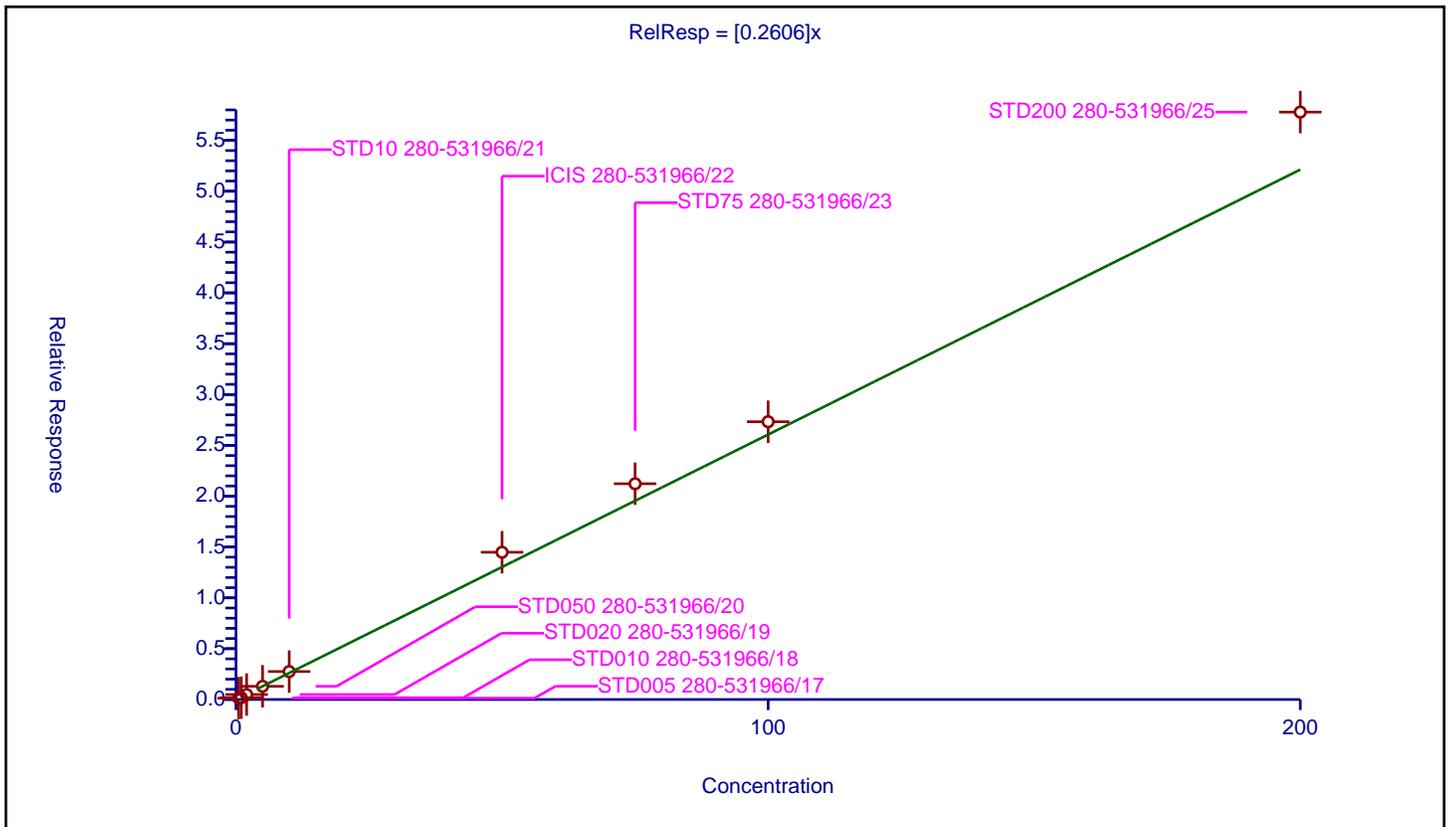
/ 2,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2606

Error Coefficients	
Standard Error:	484000
Relative Standard Error:	13.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.127795	50.0	927268.0	0.25559	Y
2	STD010 280-531966/18	1.0	0.176422	50.0	936957.0	0.176422	Y
3	STD020 280-531966/19	2.0	0.48844	50.0	933175.0	0.24422	Y
4	STD050 280-531966/20	5.0	1.297308	50.0	970741.0	0.259462	Y
5	STD10 280-531966/21	10.0	2.750221	50.0	956105.0	0.275022	Y
6	ICIS 280-531966/22	50.0	14.486304	50.0	958778.0	0.289726	Y
7	STD75 280-531966/23	75.0	21.224062	50.0	980253.0	0.282987	Y
8	STD100 280-531966/24	100.0	27.32219	50.0	1003417.0	0.273222	Y
9	STD200 280-531966/25	200.0	57.78287	50.0	995282.0	0.288914	Y



**Calibration**

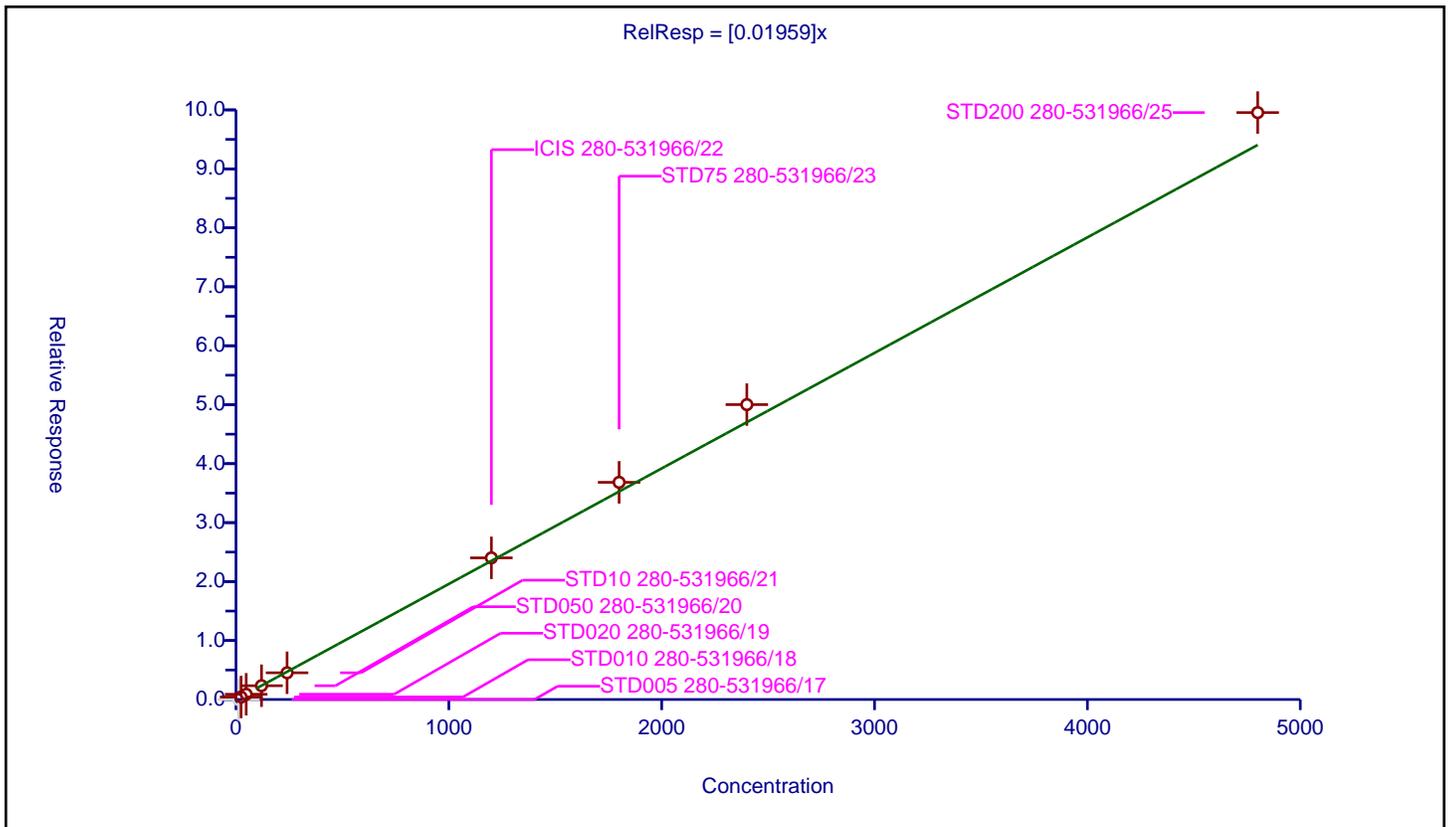
/ sec-Butyl Alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01959

Error Coefficients	
Standard Error:	901000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	12.0	0.0	50.0	927268.0	0.0	N
2	STD010 280-531966/18	24.0	0.426754	50.0	936957.0	0.017781	Y
3	STD020 280-531966/19	48.0	0.89024	50.0	933175.0	0.018547	Y
4	STD050 280-531966/20	120.0	2.337905	50.0	970741.0	0.019483	Y
5	STD10 280-531966/21	240.0	4.532923	50.0	956105.0	0.018887	Y
6	ICIS 280-531966/22	1200.0	24.021254	50.0	958778.0	0.020018	Y
7	STD75 280-531966/23	1800.0	36.83498	50.0	980253.0	0.020464	Y
8	STD100 280-531966/24	2400.0	50.012607	50.0	1003417.0	0.020839	Y
9	STD200 280-531966/25	4800.0	99.5444	50.0	995282.0	0.020738	Y



Calibration

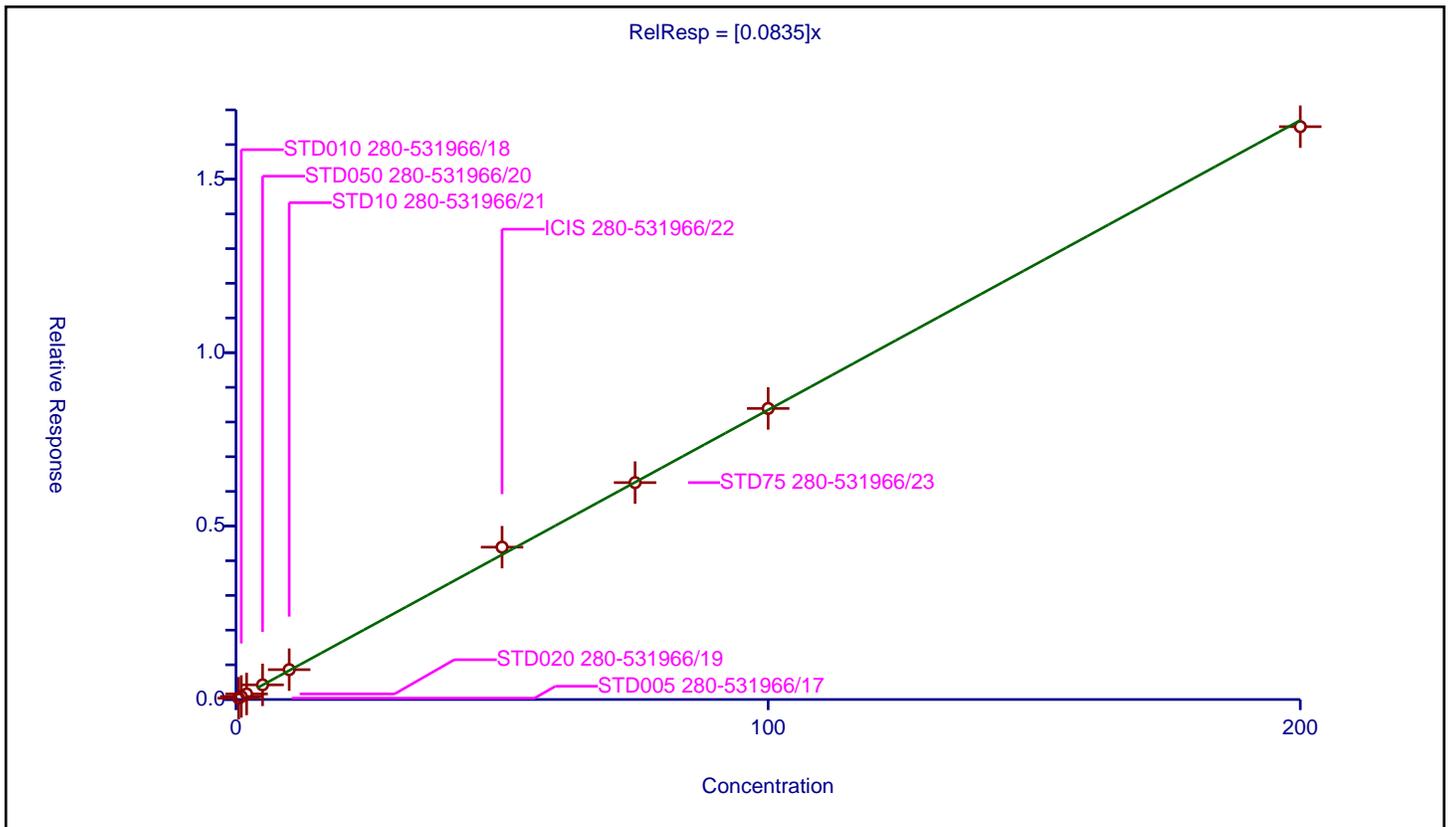
/ Chlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0835

Error Coefficients	
Standard Error:	141000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.038177	50.0	927268.0	0.076353	Y
2	STD010 280-531966/18	1.0	0.086984	50.0	936957.0	0.086984	Y
3	STD020 280-531966/19	2.0	0.159831	50.0	933175.0	0.079915	Y
4	STD050 280-531966/20	5.0	0.422203	50.0	970741.0	0.084441	Y
5	STD10 280-531966/21	10.0	0.860627	50.0	956105.0	0.086063	Y
6	ICIS 280-531966/22	50.0	4.39231	50.0	958778.0	0.087846	Y
7	STD75 280-531966/23	75.0	6.253488	50.0	980253.0	0.08338	Y
8	STD100 280-531966/24	100.0	8.391925	50.0	1003417.0	0.083919	Y
9	STD200 280-531966/25	200.0	16.516324	50.0	995282.0	0.082582	Y



Calibration

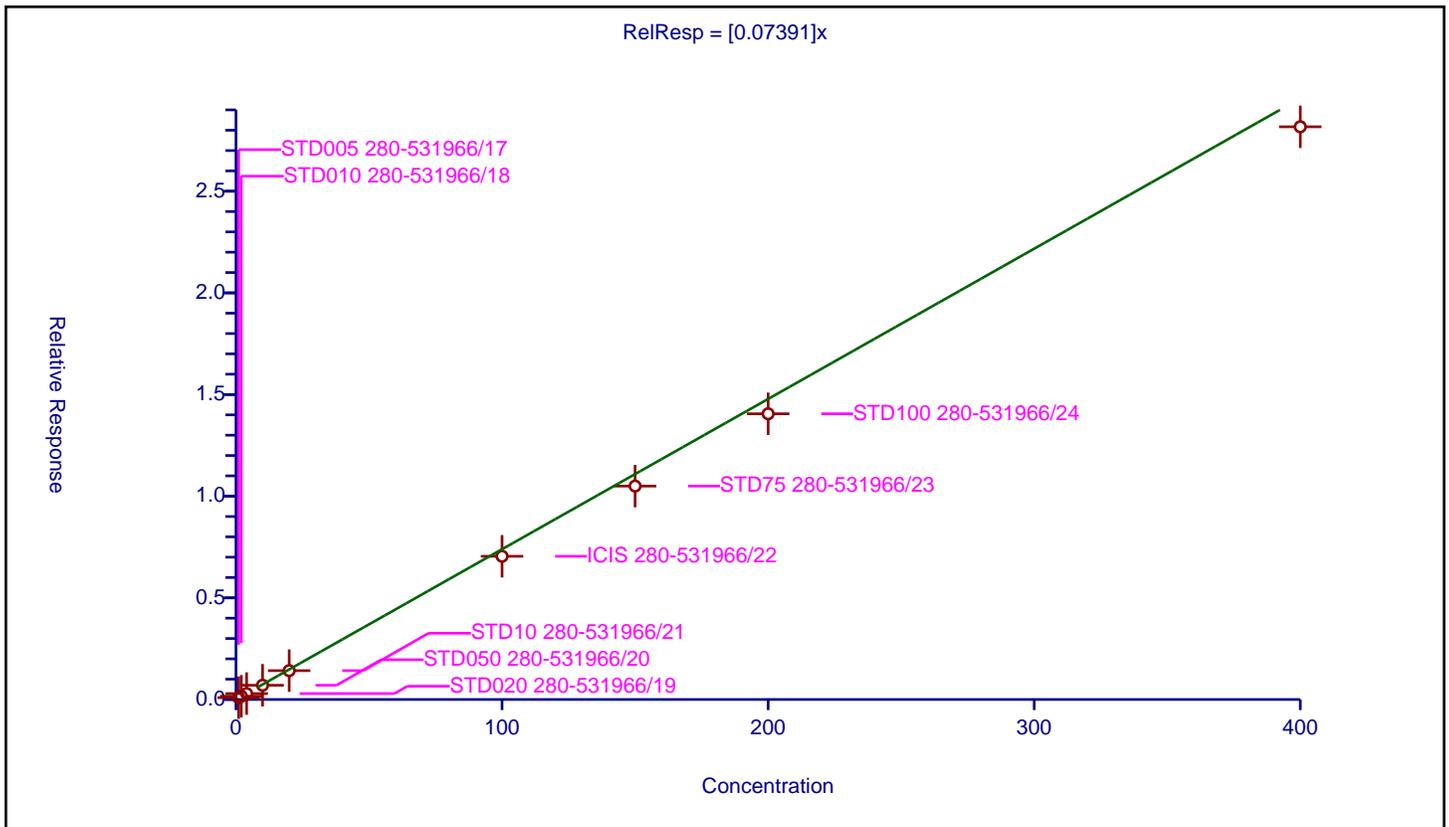
/ Tetrahydrofuran

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.07391

Error Coefficients	
Standard Error:	239000
Relative Standard Error:	9.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	1.0	0.089241	50.0	927268.0	0.089241	Y
2	STD010 280-531966/18	2.0	0.161373	50.0	936957.0	0.080687	Y
3	STD020 280-531966/19	4.0	0.292121	50.0	933175.0	0.07303	Y
4	STD050 280-531966/20	10.0	0.70132	50.0	970741.0	0.070132	Y
5	STD10 280-531966/21	20.0	1.419196	50.0	956105.0	0.07096	Y
6	ICIS 280-531966/22	100.0	7.044905	50.0	958778.0	0.070449	Y
7	STD75 280-531966/23	150.0	10.498412	50.0	980253.0	0.069989	Y
8	STD100 280-531966/24	200.0	14.052831	50.0	1003417.0	0.070264	Y
9	STD200 280-531966/25	400.0	28.169152	50.0	995282.0	0.070423	Y



Calibration

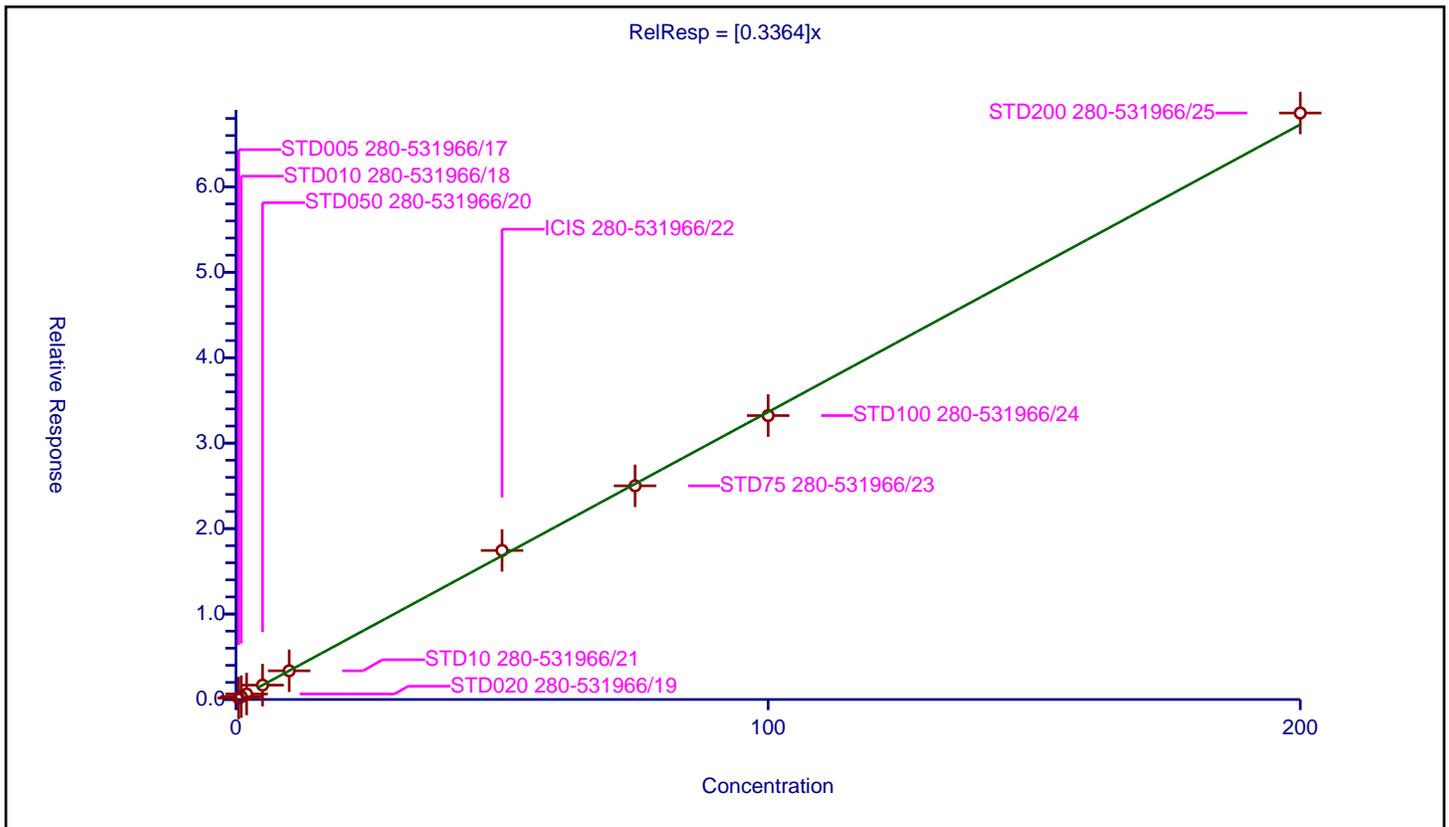
/ Chloroform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3364

Error Coefficients	
Standard Error:	578000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.168937	50.0	927268.0	0.337874	Y
2	STD010 280-531966/18	1.0	0.337209	50.0	936957.0	0.337209	Y
3	STD020 280-531966/19	2.0	0.645056	50.0	933175.0	0.322528	Y
4	STD050 280-531966/20	5.0	1.683044	50.0	970741.0	0.336609	Y
5	STD10 280-531966/21	10.0	3.360091	50.0	956105.0	0.336009	Y
6	ICIS 280-531966/22	50.0	17.439751	50.0	958778.0	0.348795	Y
7	STD75 280-531966/23	75.0	25.006146	50.0	980253.0	0.333415	Y
8	STD100 280-531966/24	100.0	33.223874	50.0	1003417.0	0.332239	Y
9	STD200 280-531966/25	200.0	68.633865	50.0	995282.0	0.343169	Y



**Calibration**

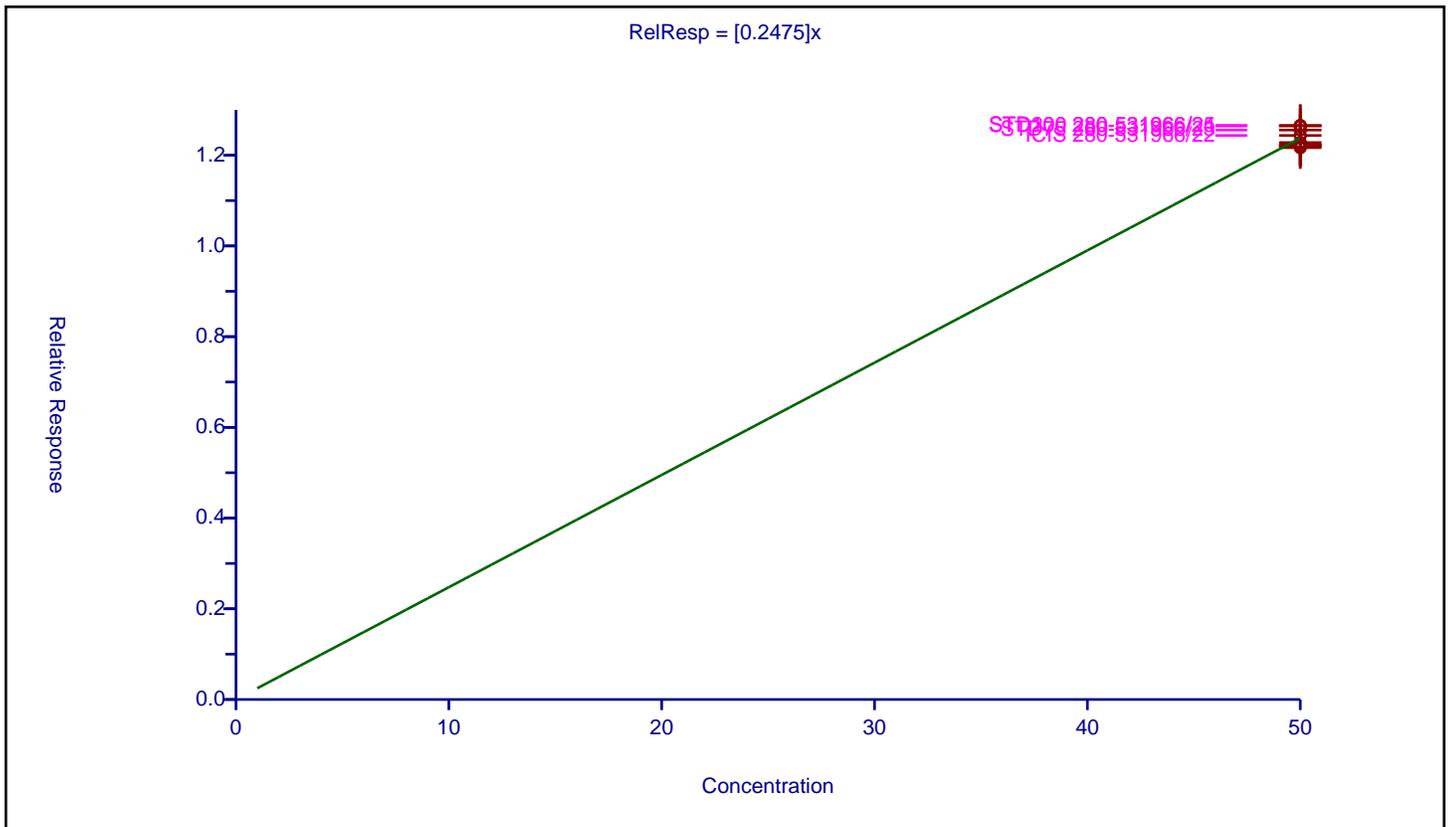
/ Dibromofluoromethane (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2475

Error Coefficients	
Standard Error:	253000
Relative Standard Error:	1.6
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	50.0	12.279783	50.0	927268.0	0.245596	Y
2	STD010 280-531966/18	50.0	12.202107	50.0	936957.0	0.244042	Y
3	STD020 280-531966/19	50.0	12.166903	50.0	933175.0	0.243338	Y
4	STD050 280-531966/20	50.0	12.220046	50.0	970741.0	0.244401	Y
5	STD10 280-531966/21	50.0	12.232966	50.0	956105.0	0.244659	Y
6	ICIS 280-531966/22	50.0	12.435569	50.0	958778.0	0.248711	Y
7	STD75 280-531966/23	50.0	12.555738	50.0	980253.0	0.251115	Y
8	STD100 280-531966/24	50.0	12.645241	50.0	1003417.0	0.252905	Y
9	STD200 280-531966/25	50.0	12.657217	50.0	995282.0	0.253144	Y



Calibration

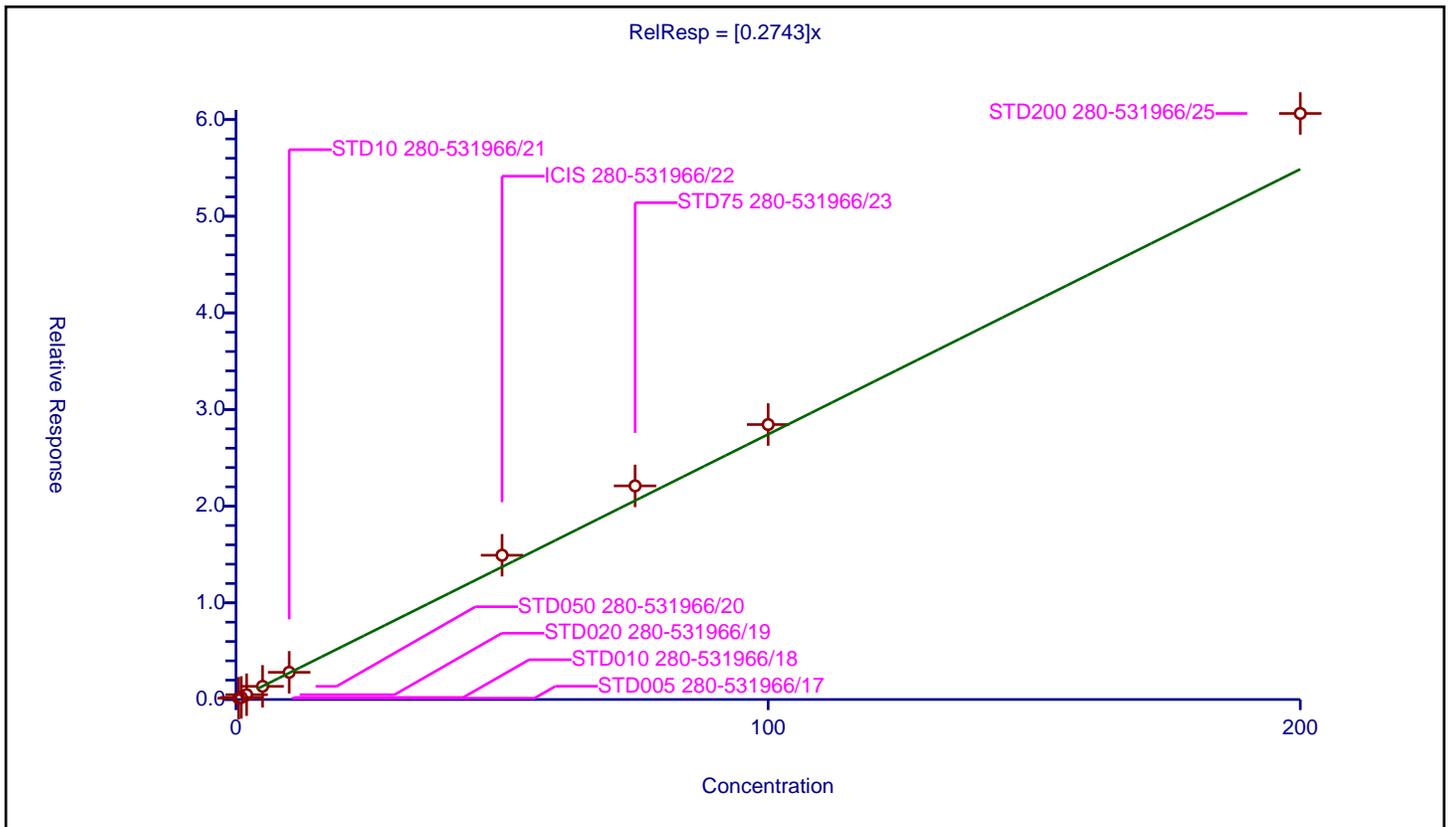
/ 1,1,1-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2743

Error Coefficients	
Standard Error:	507000
Relative Standard Error:	10.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.13653	50.0	927268.0	0.27306	Y
2	STD010 280-531966/18	1.0	0.211643	50.0	936957.0	0.211643	Y
3	STD020 280-531966/19	2.0	0.499049	50.0	933175.0	0.249524	Y
4	STD050 280-531966/20	5.0	1.363185	50.0	970741.0	0.272637	Y
5	STD10 280-531966/21	10.0	2.813289	50.0	956105.0	0.281329	Y
6	ICIS 280-531966/22	50.0	14.925822	50.0	958778.0	0.298516	Y
7	STD75 280-531966/23	75.0	22.10159	50.0	980253.0	0.294688	Y
8	STD100 280-531966/24	100.0	28.44605	50.0	1003417.0	0.28446	Y
9	STD200 280-531966/25	200.0	60.631359	50.0	995282.0	0.303157	Y



Calibration

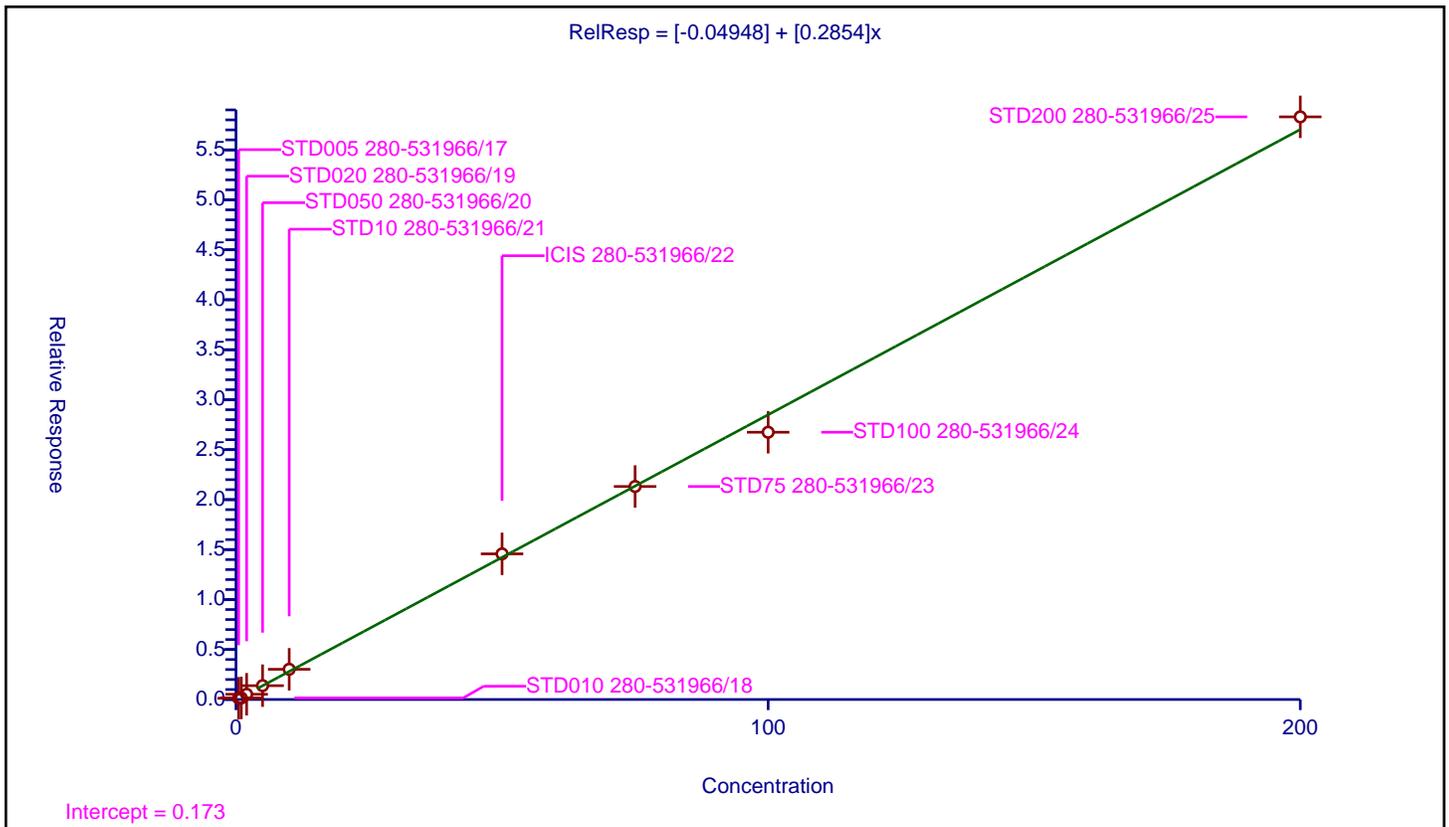
/ Cyclohexane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.04948
Slope:	0.2854

Error Coefficients	
Standard Error:	520000
Relative Standard Error:	14.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.124182	50.0	927268.0	0.248364	Y
2	STD010 280-531966/18	1.0	0.154436	50.0	936957.0	0.154436	Y
3	STD020 280-531966/19	2.0	0.523642	50.0	933175.0	0.261821	Y
4	STD050 280-531966/20	5.0	1.384355	50.0	970741.0	0.276871	Y
5	STD10 280-531966/21	10.0	3.02357	50.0	956105.0	0.302357	Y
6	ICIS 280-531966/22	50.0	14.574072	50.0	958778.0	0.291481	Y
7	STD75 280-531966/23	75.0	21.316385	50.0	980253.0	0.284218	Y
8	STD100 280-531966/24	100.0	26.744165	50.0	1003417.0	0.267442	Y
9	STD200 280-531966/25	200.0	58.300863	50.0	995282.0	0.291504	Y



Calibration

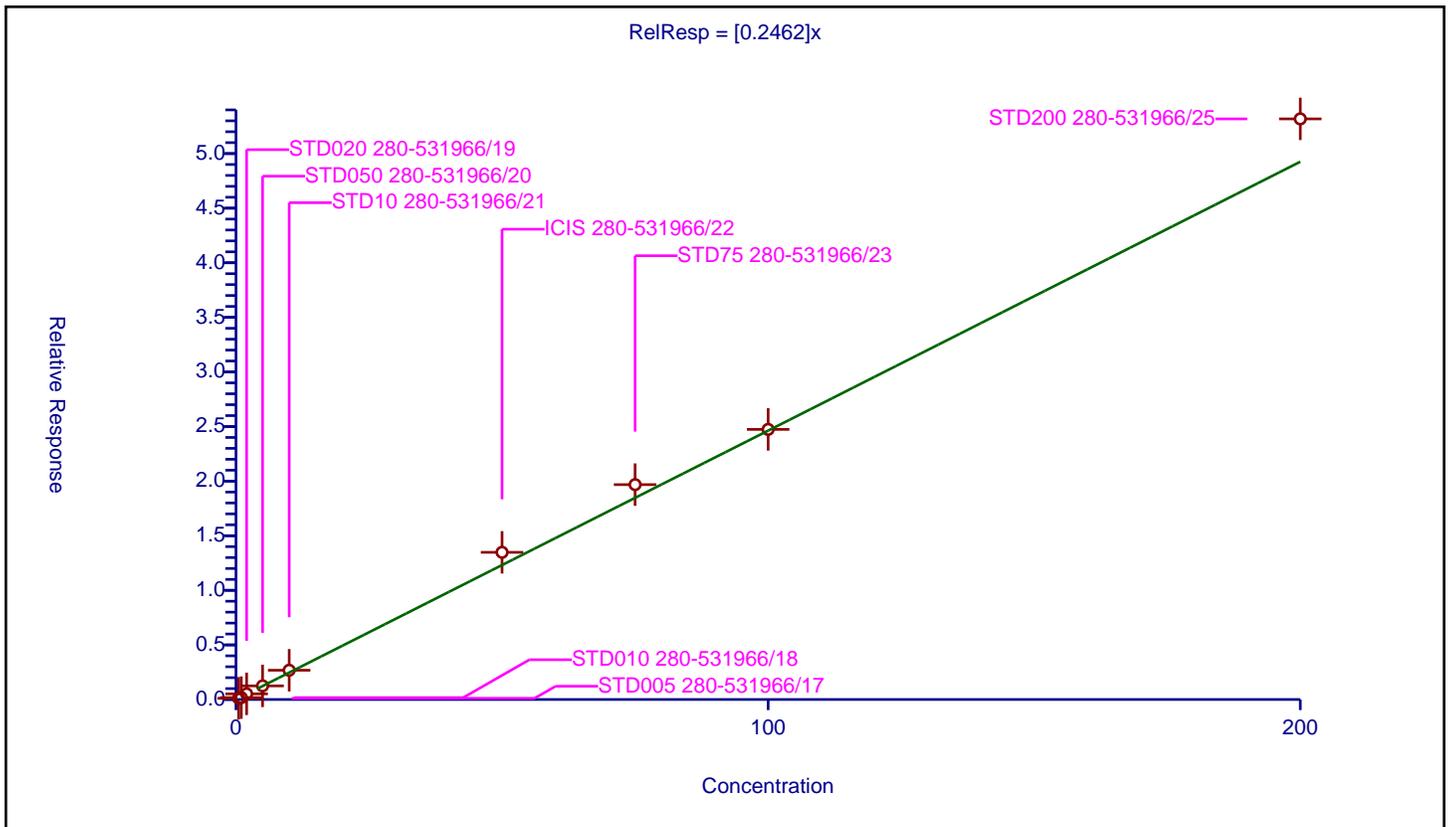
/ 1,1-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2462

Error Coefficients	
Standard Error:	445000
Relative Standard Error:	12.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.110917	50.0	927268.0	0.221834	Y
2	STD010 280-531966/18	1.0	0.172527	50.0	936957.0	0.172527	Y
3	STD020 280-531966/19	2.0	0.518284	50.0	933175.0	0.259142	Y
4	STD050 280-531966/20	5.0	1.247089	50.0	970741.0	0.249418	Y
5	STD10 280-531966/21	10.0	2.680668	50.0	956105.0	0.268067	Y
6	ICIS 280-531966/22	50.0	13.479033	50.0	958778.0	0.269581	Y
7	STD75 280-531966/23	75.0	19.679511	50.0	980253.0	0.262393	Y
8	STD100 280-531966/24	100.0	24.736127	50.0	1003417.0	0.247361	Y
9	STD200 280-531966/25	200.0	53.177843	50.0	995282.0	0.265889	Y



**Calibration**

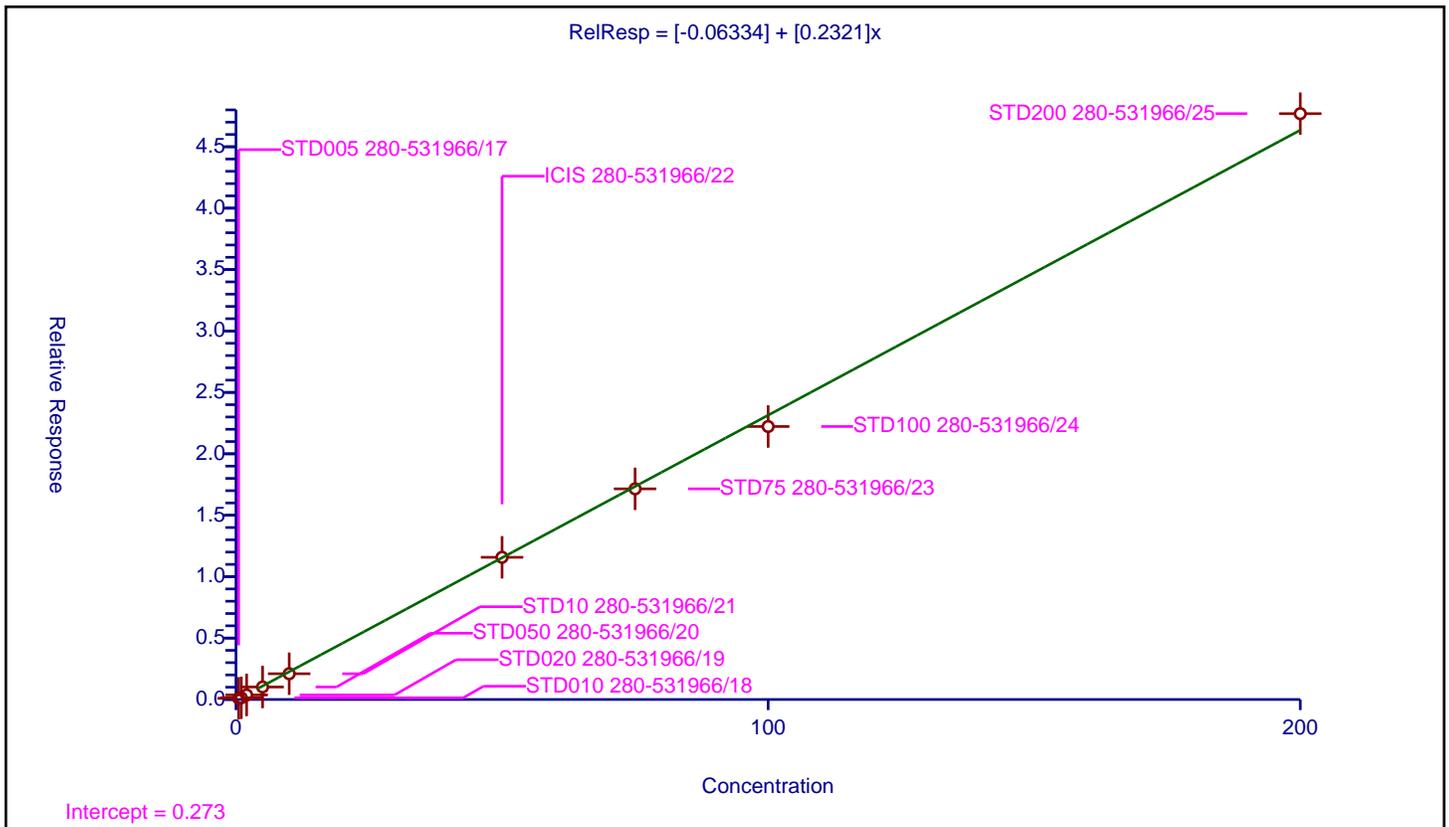
/ Carbon tetrachloride

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.06334
Slope:	0.2321

Error Coefficients	
Standard Error:	425000
Relative Standard Error:	15.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.095064	50.0	927268.0	0.190128	Y
2	STD010 280-531966/18	1.0	0.136079	50.0	936957.0	0.136079	Y
3	STD020 280-531966/19	2.0	0.369598	50.0	933175.0	0.184799	Y
4	STD050 280-531966/20	5.0	1.017058	50.0	970741.0	0.203412	Y
5	STD10 280-531966/21	10.0	2.096266	50.0	956105.0	0.209627	Y
6	ICIS 280-531966/22	50.0	11.576507	50.0	958778.0	0.23153	Y
7	STD75 280-531966/23	75.0	17.148838	50.0	980253.0	0.228651	Y
8	STD100 280-531966/24	100.0	22.223064	50.0	1003417.0	0.222231	Y
9	STD200 280-531966/25	200.0	47.692413	50.0	995282.0	0.238462	Y



**Calibration**

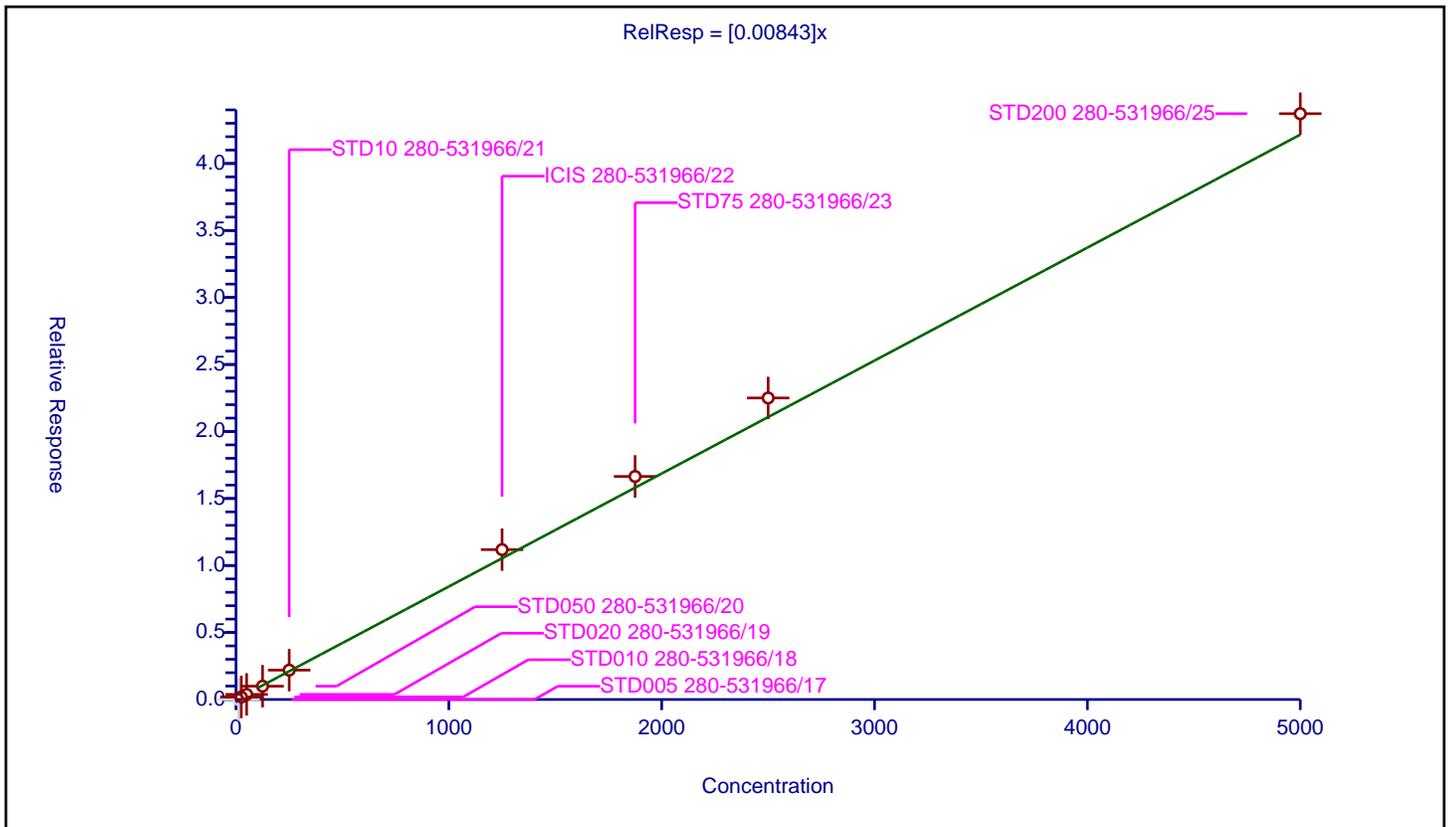
/ Isobutyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.00843

Error Coefficients	
Standard Error:	399000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	12.5	0.0	50.0	927268.0	0.0	N
2	STD010 280-531966/18	25.0	0.188856	50.0	936957.0	0.007554	Y
3	STD020 280-531966/19	50.0	0.380154	50.0	933175.0	0.007603	Y
4	STD050 280-531966/20	125.0	0.993725	50.0	970741.0	0.00795	Y
5	STD10 280-531966/21	250.0	2.192019	50.0	956105.0	0.008768	Y
6	ICIS 280-531966/22	1250.0	11.184184	50.0	958778.0	0.008947	Y
7	STD75 280-531966/23	1875.0	16.645142	50.0	980253.0	0.008877	Y
8	STD100 280-531966/24	2500.0	22.500267	50.0	1003417.0	0.009	Y
9	STD200 280-531966/25	5000.0	43.716153	50.0	995282.0	0.008743	Y



**Calibration**

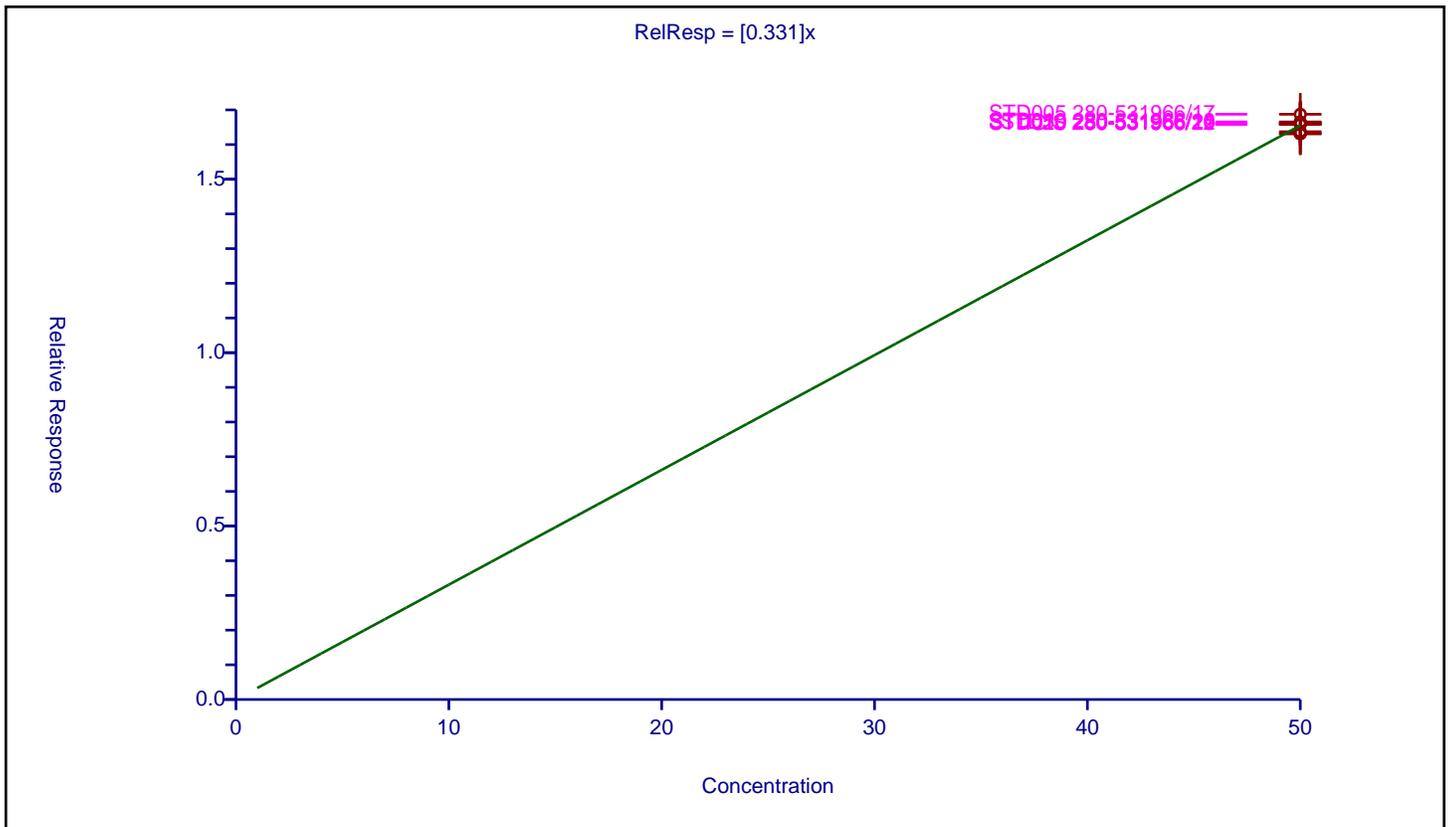
/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.331

Error Coefficients	
Standard Error:	338000
Relative Standard Error:	1.1
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	50.0	16.873816	50.0	927268.0	0.337476	Y
2	STD010 280-531966/18	50.0	16.653005	50.0	936957.0	0.33306	Y
3	STD020 280-531966/19	50.0	16.587457	50.0	933175.0	0.331749	Y
4	STD050 280-531966/20	50.0	16.616224	50.0	970741.0	0.332324	Y
5	STD10 280-531966/21	50.0	16.627515	50.0	956105.0	0.33255	Y
6	ICIS 280-531966/22	50.0	16.584548	50.0	958778.0	0.331691	Y
7	STD75 280-531966/23	50.0	16.31186	50.0	980253.0	0.326237	Y
8	STD100 280-531966/24	50.0	16.370911	50.0	1003417.0	0.327418	Y
9	STD200 280-531966/25	50.0	16.315627	50.0	995282.0	0.326313	Y



Calibration

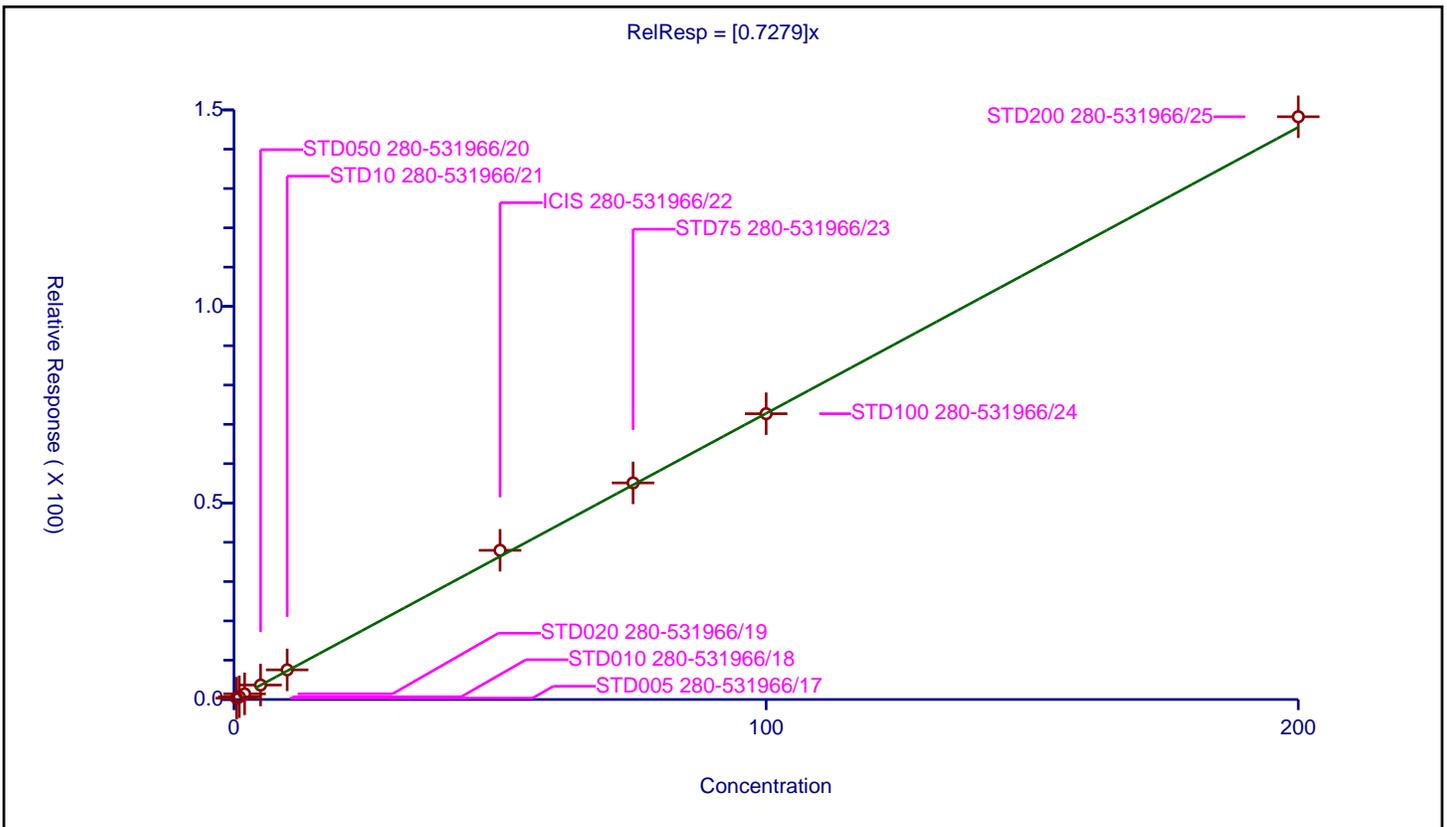
/ Benzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7279

Error Coefficients	
Standard Error:	1250000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.347095	50.0	927268.0	0.69419	Y
2	STD010 280-531966/18	1.0	0.689413	50.0	936957.0	0.689413	Y
3	STD020 280-531966/19	2.0	1.432582	50.0	933175.0	0.716291	Y
4	STD050 280-531966/20	5.0	3.676985	50.0	970741.0	0.735397	Y
5	STD10 280-531966/21	10.0	7.537352	50.0	956105.0	0.753735	Y
6	ICIS 280-531966/22	50.0	37.955084	50.0	958778.0	0.759102	Y
7	STD75 280-531966/23	75.0	55.101387	50.0	980253.0	0.734685	Y
8	STD100 280-531966/24	100.0	72.710747	50.0	1003417.0	0.727107	Y
9	STD200 280-531966/25	200.0	148.256675	50.0	995282.0	0.741283	Y



Calibration

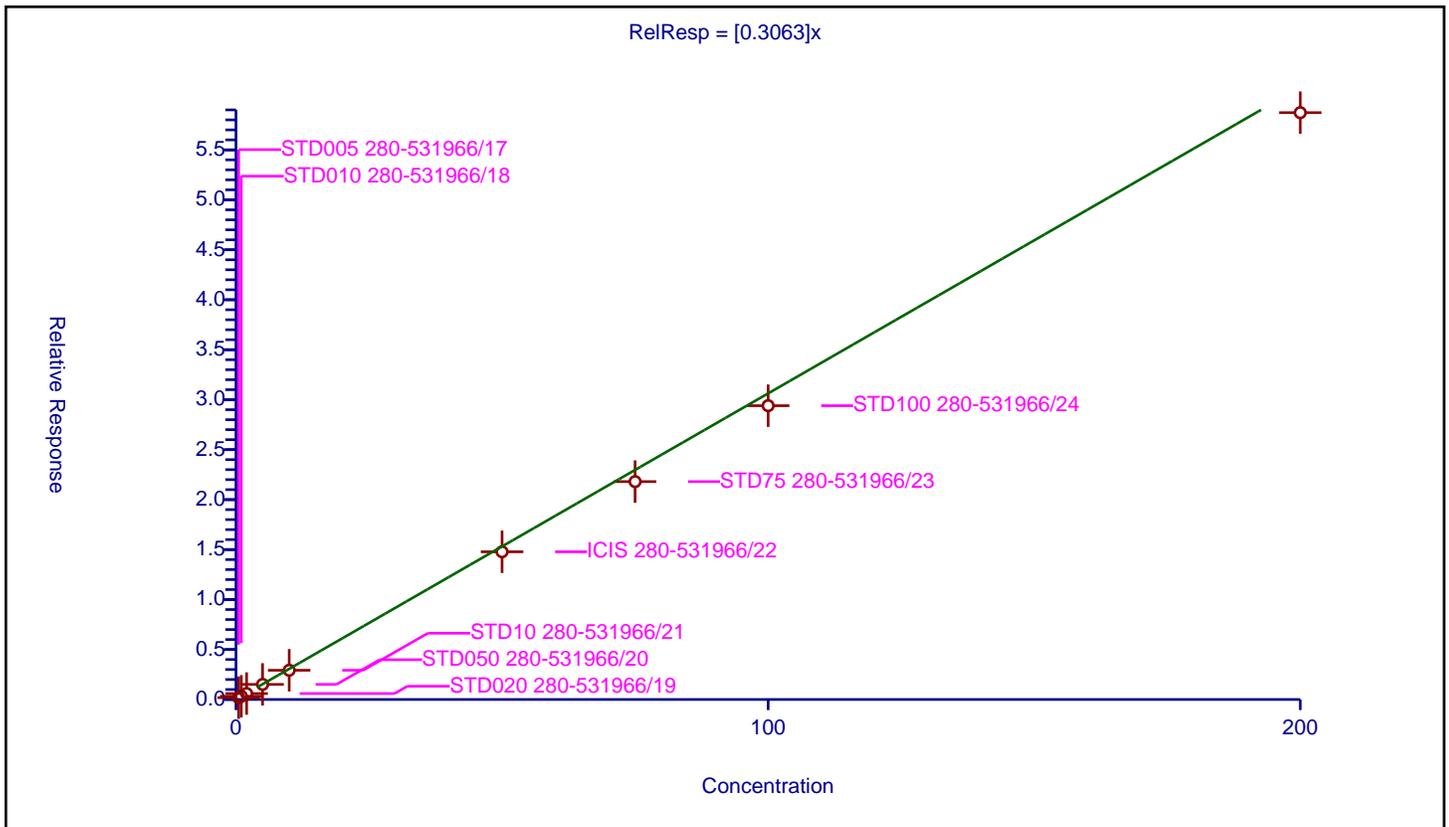
/ 1,2-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3063

Error Coefficients	
Standard Error:	498000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.183334	50.0	927268.0	0.366669	Y
2	STD010 280-531966/18	1.0	0.323547	50.0	936957.0	0.323547	Y
3	STD020 280-531966/19	2.0	0.59619	50.0	933175.0	0.298095	Y
4	STD050 280-531966/20	5.0	1.509981	50.0	970741.0	0.301996	Y
5	STD10 280-531966/21	10.0	2.924051	50.0	956105.0	0.292405	Y
6	ICIS 280-531966/22	50.0	14.781055	50.0	958778.0	0.295621	Y
7	STD75 280-531966/23	75.0	21.802535	50.0	980253.0	0.2907	Y
8	STD100 280-531966/24	100.0	29.398844	50.0	1003417.0	0.293988	Y
9	STD200 280-531966/25	200.0	58.722804	50.0	995282.0	0.293614	Y



Calibration

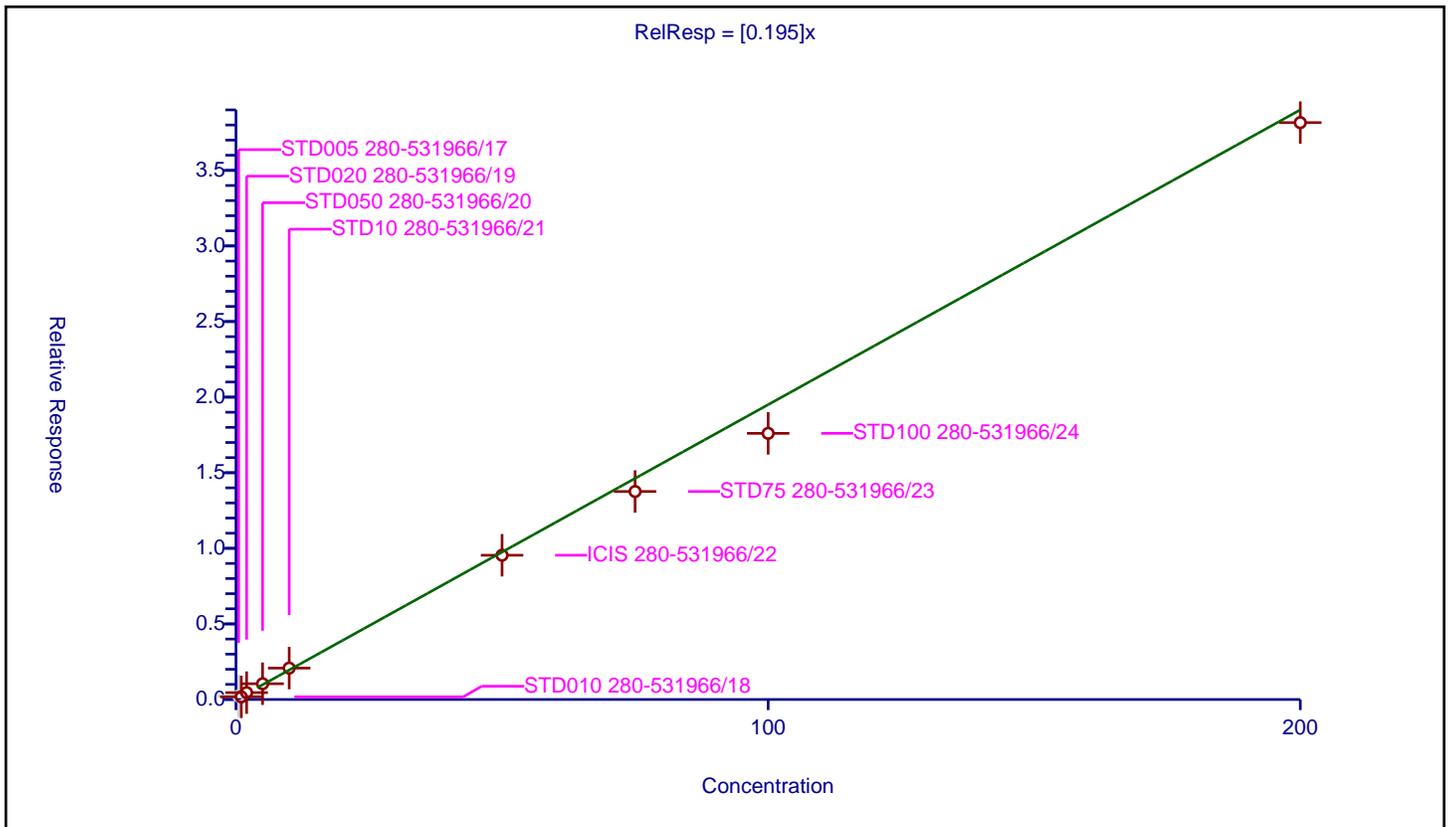
/ n-Heptane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.195

Error Coefficients	
Standard Error:	340000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.231648	50.0	927268.0	0.463296	N
2	STD010 280-531966/18	1.0	0.175302	50.0	936957.0	0.175302	Y
3	STD020 280-531966/19	2.0	0.455006	50.0	933175.0	0.227503	Y
4	STD050 280-531966/20	5.0	1.042297	50.0	970741.0	0.208459	Y
5	STD10 280-531966/21	10.0	2.077178	50.0	956105.0	0.207718	Y
6	ICIS 280-531966/22	50.0	9.542564	50.0	958778.0	0.190851	Y
7	STD75 280-531966/23	75.0	13.759101	50.0	980253.0	0.183455	Y
8	STD100 280-531966/24	100.0	17.603798	50.0	1003417.0	0.176038	Y
9	STD200 280-531966/25	200.0	38.157778	50.0	995282.0	0.190789	Y



Calibration

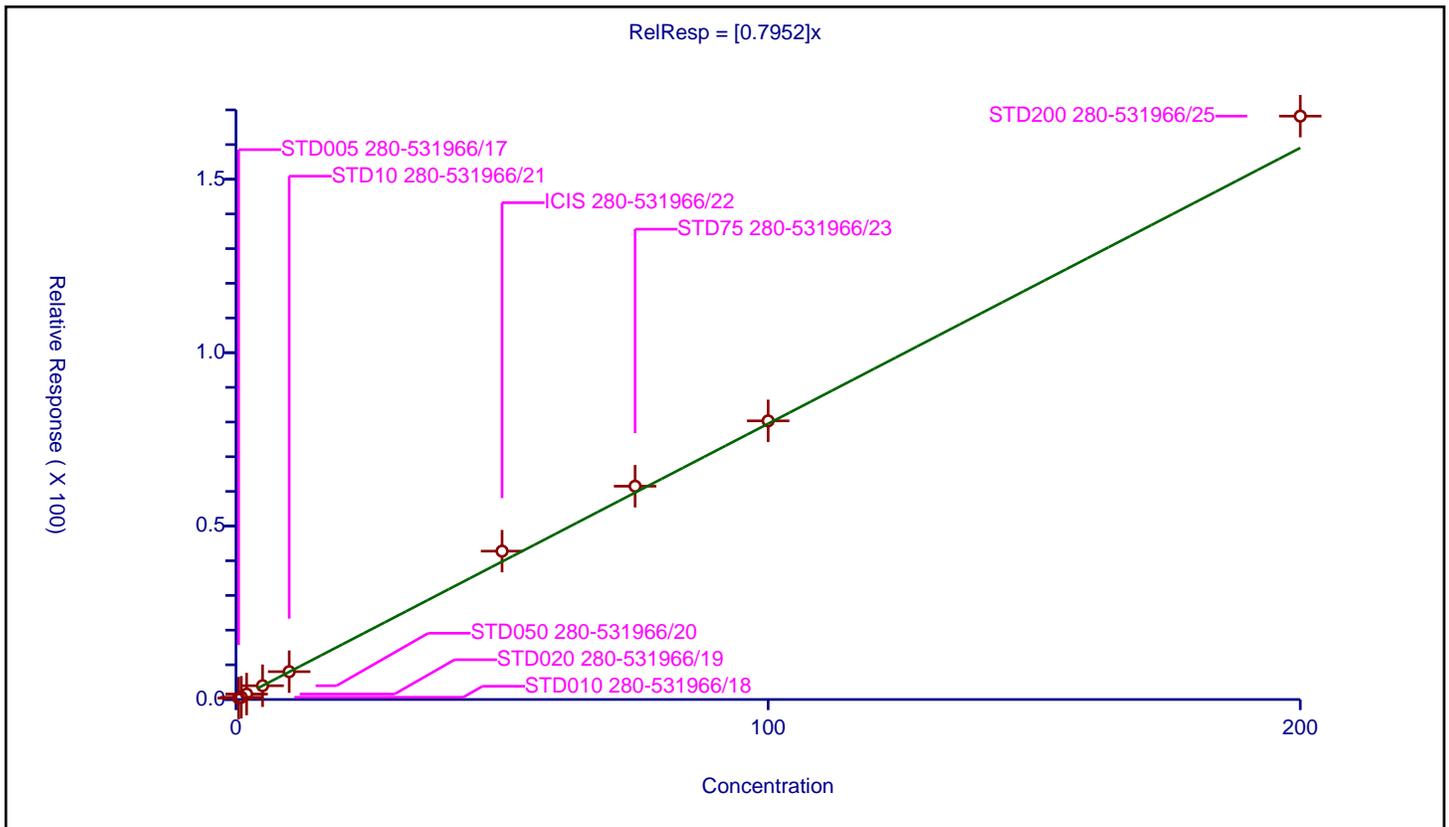
/ Trichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7952

Error Coefficients	
Standard Error:	328000
Relative Standard Error:	7.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.407306	50.0	213353.0	0.814612	Y
2	STD010 280-531966/18	1.0	0.645206	50.0	215125.0	0.645206	Y
3	STD020 280-531966/19	2.0	1.560041	50.0	212206.0	0.78002	Y
4	STD050 280-531966/20	5.0	3.974576	50.0	221835.0	0.794915	Y
5	STD10 280-531966/21	10.0	8.021644	50.0	220385.0	0.802164	Y
6	ICIS 280-531966/22	50.0	42.778941	50.0	218756.0	0.855579	Y
7	STD75 280-531966/23	75.0	61.497967	50.0	225005.0	0.819973	Y
8	STD100 280-531966/24	100.0	80.338647	50.0	233252.0	0.803386	Y
9	STD200 280-531966/25	200.0	168.204624	50.0	231400.0	0.841023	Y



Calibration

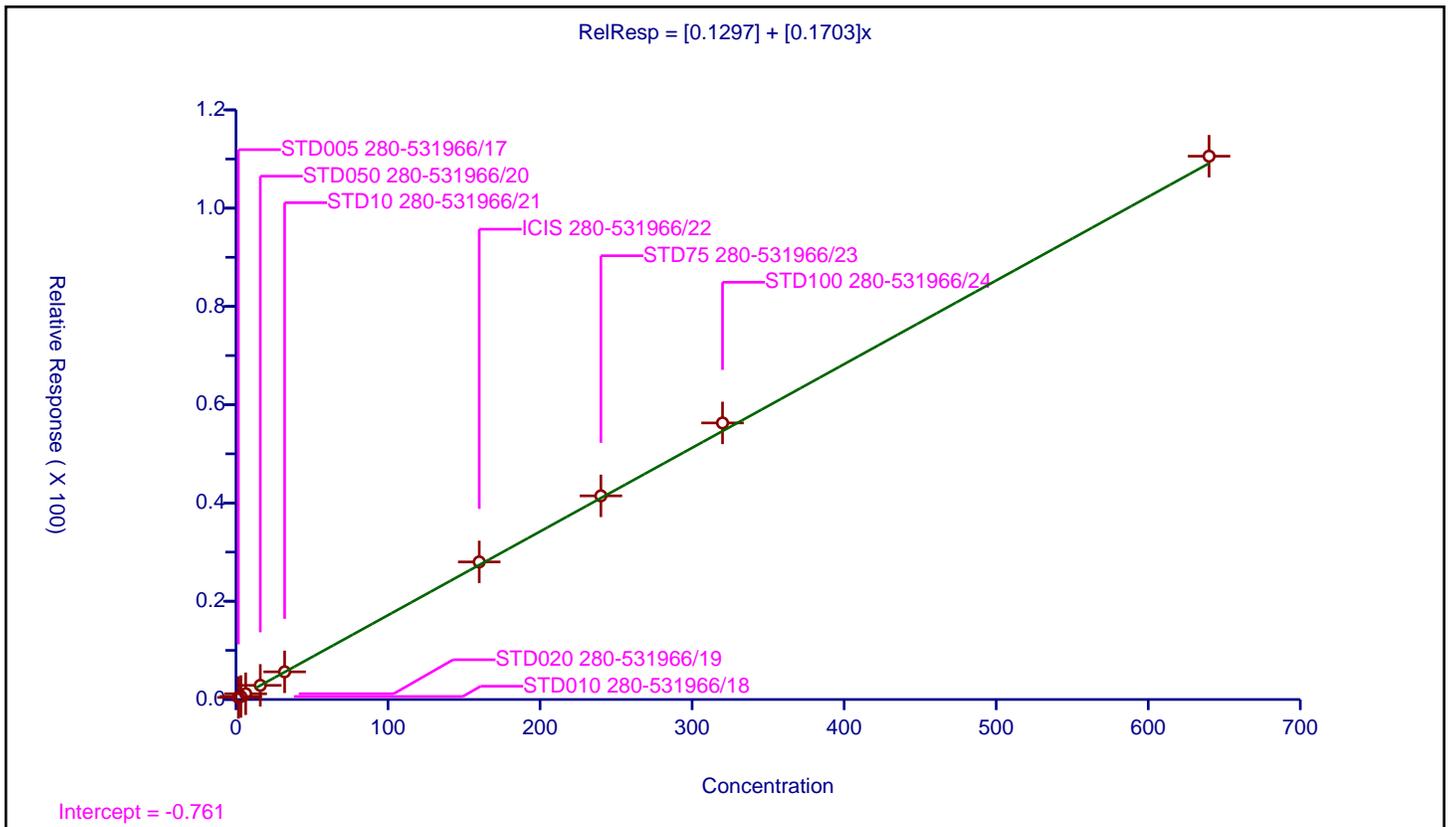
/ 2-Pentanone

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.1297
Slope:	0.1703

Error Coefficients	
Standard Error:	1010000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	1.6	0.420536	50.0	927268.0	0.262835	Y
2	STD010 280-531966/18	3.2	0.612515	50.0	936957.0	0.191411	Y
3	STD020 280-531966/19	6.4	1.166234	50.0	933175.0	0.182224	Y
4	STD050 280-531966/20	16.0	2.878574	50.0	970741.0	0.179911	Y
5	STD10 280-531966/21	32.0	5.628723	50.0	956105.0	0.175898	Y
6	ICIS 280-531966/22	160.0	28.002311	50.0	958778.0	0.175014	Y
7	STD75 280-531966/23	240.0	41.450217	50.0	980253.0	0.172709	Y
8	STD100 280-531966/24	320.0	56.288711	50.0	1003417.0	0.175902	Y
9	STD200 280-531966/25	640.0	110.575646	50.0	995282.0	0.172774	Y



Calibration

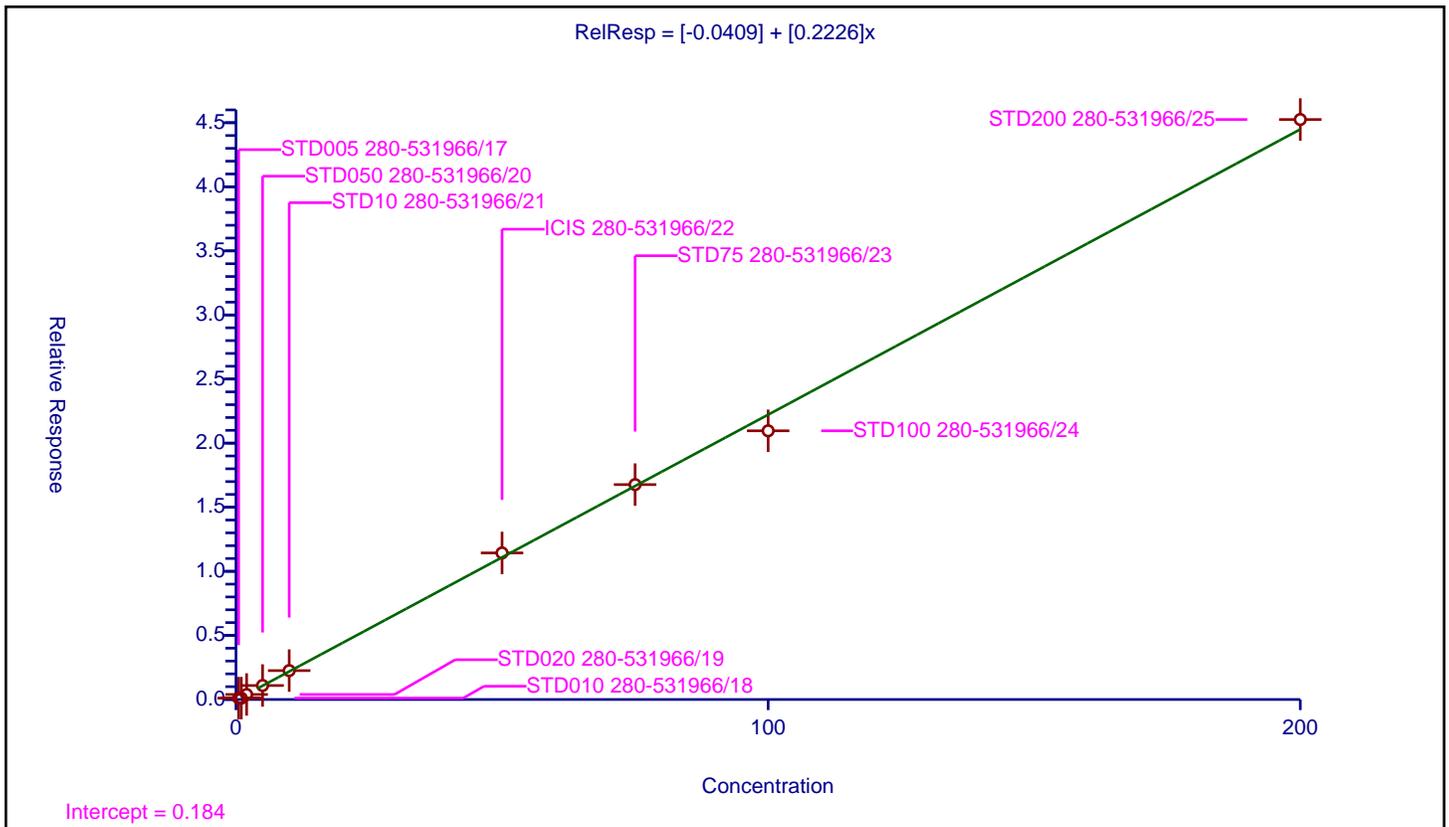
/ Methylcyclohexane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.0409
Slope:	0.2226

Error Coefficients	
Standard Error:	405000
Relative Standard Error:	17.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.106172	50.0	927268.0	0.212344	Y
2	STD010 280-531966/18	1.0	0.106515	50.0	936957.0	0.106515	Y
3	STD020 280-531966/19	2.0	0.391191	50.0	933175.0	0.195596	Y
4	STD050 280-531966/20	5.0	1.090662	50.0	970741.0	0.218132	Y
5	STD10 280-531966/21	10.0	2.254355	50.0	956105.0	0.225435	Y
6	ICIS 280-531966/22	50.0	11.434294	50.0	958778.0	0.228686	Y
7	STD75 280-531966/23	75.0	16.765723	50.0	980253.0	0.223543	Y
8	STD100 280-531966/24	100.0	20.963169	50.0	1003417.0	0.209632	Y
9	STD200 280-531966/25	200.0	45.249839	50.0	995282.0	0.226249	Y



Calibration

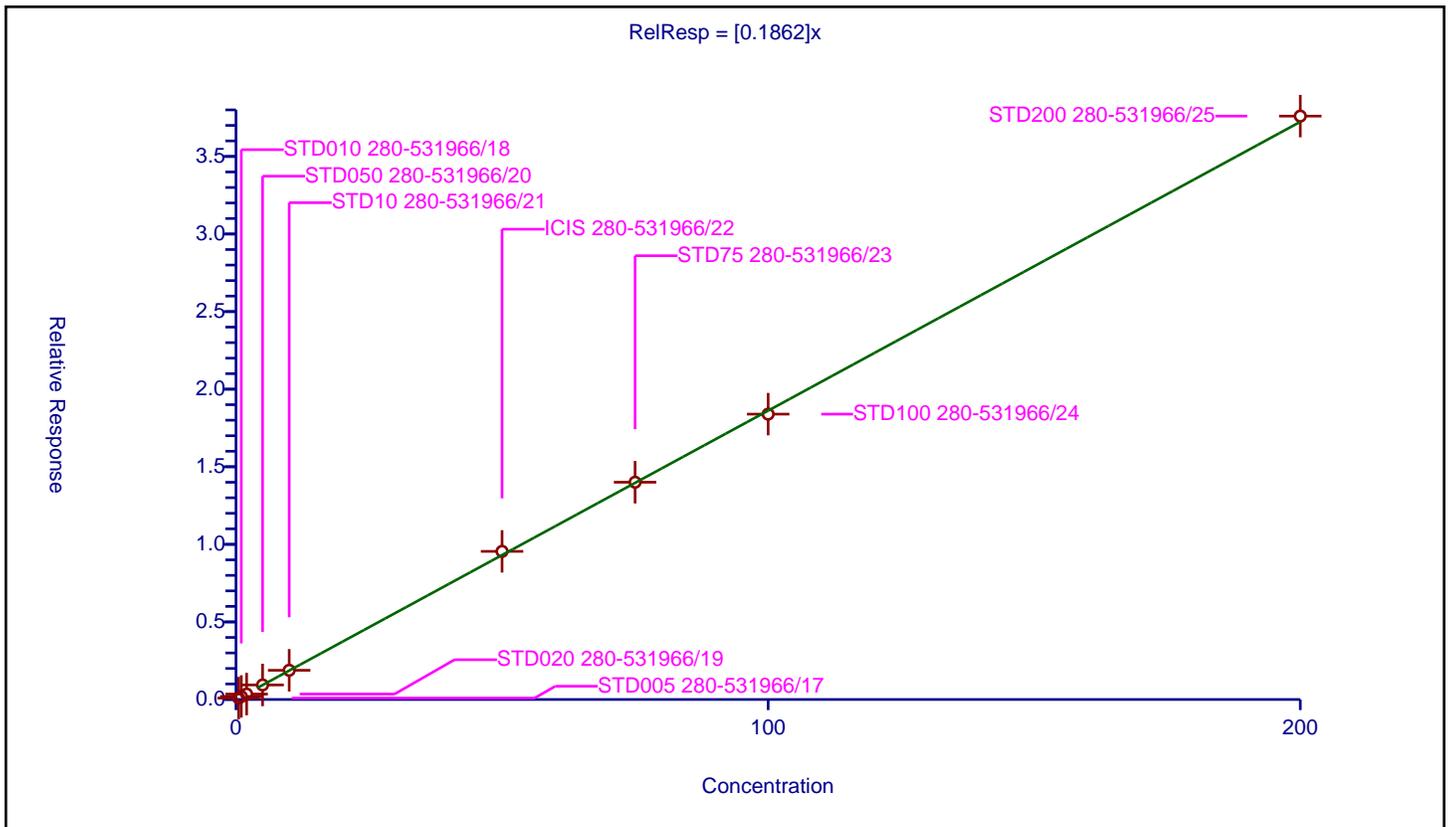
/ 1,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1862

Error Coefficients	
Standard Error:	318000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.089834	50.0	927268.0	0.179668	Y
2	STD010 280-531966/18	1.0	0.19542	50.0	936957.0	0.19542	Y
3	STD020 280-531966/19	2.0	0.350042	50.0	933175.0	0.175021	Y
4	STD050 280-531966/20	5.0	0.937171	50.0	970741.0	0.187434	Y
5	STD10 280-531966/21	10.0	1.882691	50.0	956105.0	0.188269	Y
6	ICIS 280-531966/22	50.0	9.54611	50.0	958778.0	0.190922	Y
7	STD75 280-531966/23	75.0	14.002763	50.0	980253.0	0.186704	Y
8	STD100 280-531966/24	100.0	18.392204	50.0	1003417.0	0.183922	Y
9	STD200 280-531966/25	200.0	37.600047	50.0	995282.0	0.188	Y



Calibration

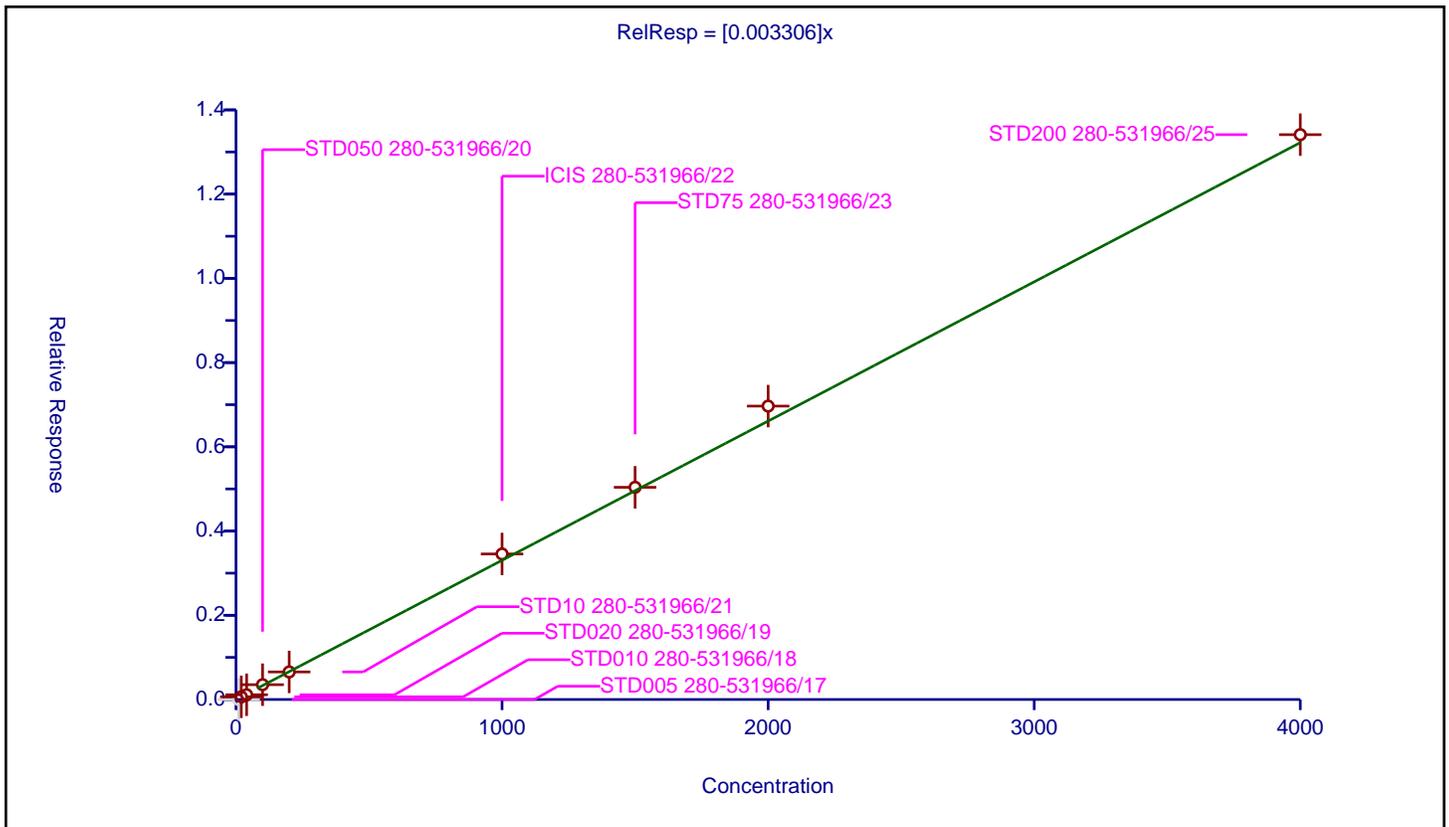
/ 1,4-Dioxane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.003306

Error Coefficients	
Standard Error:	123000
Relative Standard Error:	6.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	10.0	0.0	50.0	927268.0	0.0	N
2	STD010 280-531966/18	20.0	0.063984	50.0	936957.0	0.003199	Y
3	STD020 280-531966/19	40.0	0.112198	50.0	933175.0	0.002805	Y
4	STD050 280-531966/20	100.0	0.351793	50.0	970741.0	0.003518	Y
5	STD10 280-531966/21	200.0	0.654374	50.0	956105.0	0.003272	Y
6	ICIS 280-531966/22	1000.0	3.455753	50.0	958778.0	0.003456	Y
7	STD75 280-531966/23	1500.0	5.038546	50.0	980253.0	0.003359	Y
8	STD100 280-531966/24	2000.0	6.966794	50.0	1003417.0	0.003483	Y
9	STD200 280-531966/25	4000.0	13.411927	50.0	995282.0	0.003353	Y



Calibration

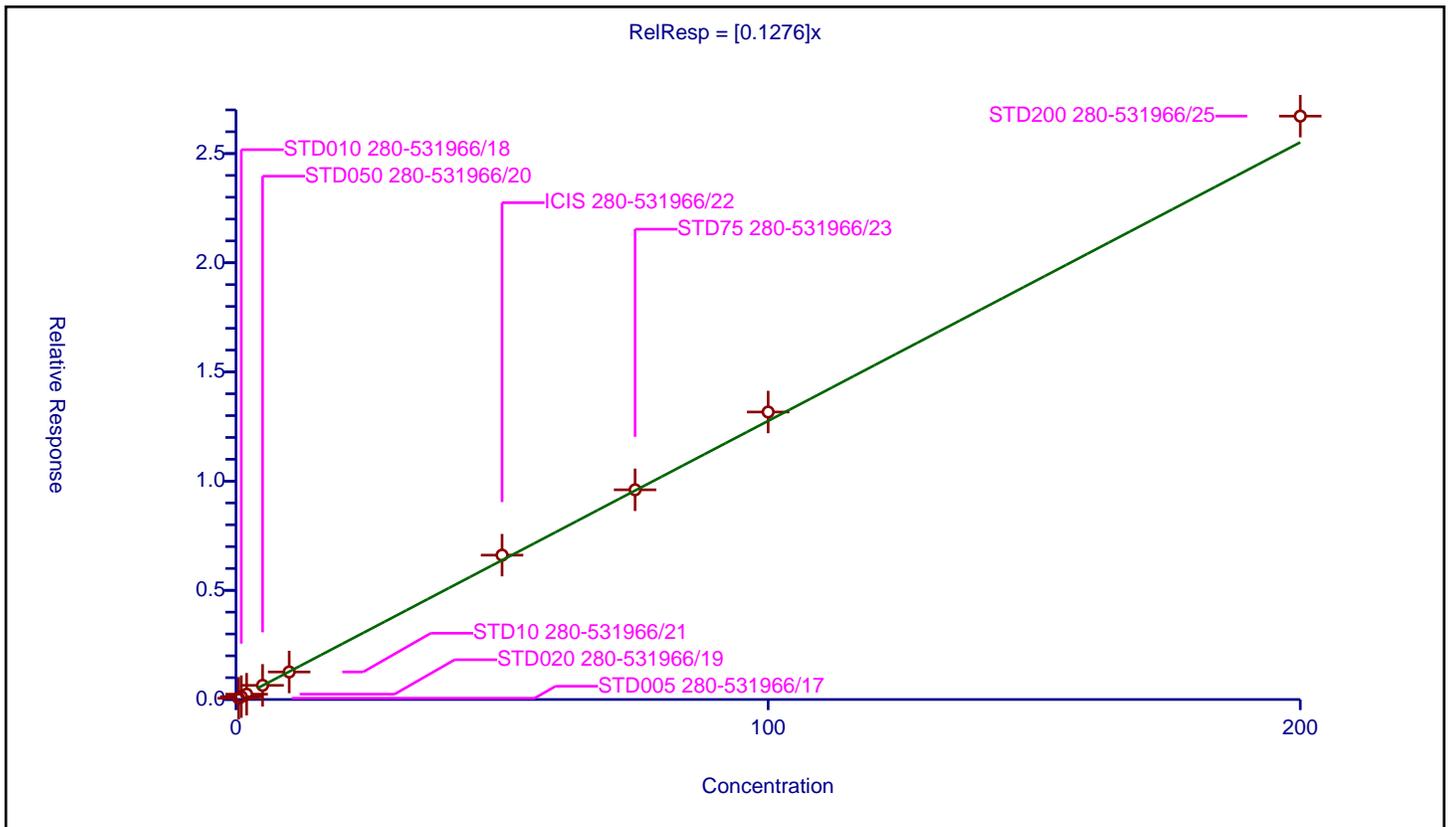
/ Dibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1276

Error Coefficients	
Standard Error:	225000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.057427	50.0	927268.0	0.114854	Y
2	STD010 280-531966/18	1.0	0.130315	50.0	936957.0	0.130315	Y
3	STD020 280-531966/19	2.0	0.243416	50.0	933175.0	0.121708	Y
4	STD050 280-531966/20	5.0	0.648165	50.0	970741.0	0.129633	Y
5	STD10 280-531966/21	10.0	1.261159	50.0	956105.0	0.126116	Y
6	ICIS 280-531966/22	50.0	6.61055	50.0	958778.0	0.132211	Y
7	STD75 280-531966/23	75.0	9.603082	50.0	980253.0	0.128041	Y
8	STD100 280-531966/24	100.0	13.165763	50.0	1003417.0	0.131658	Y
9	STD200 280-531966/25	200.0	26.714589	50.0	995282.0	0.133573	Y



Calibration

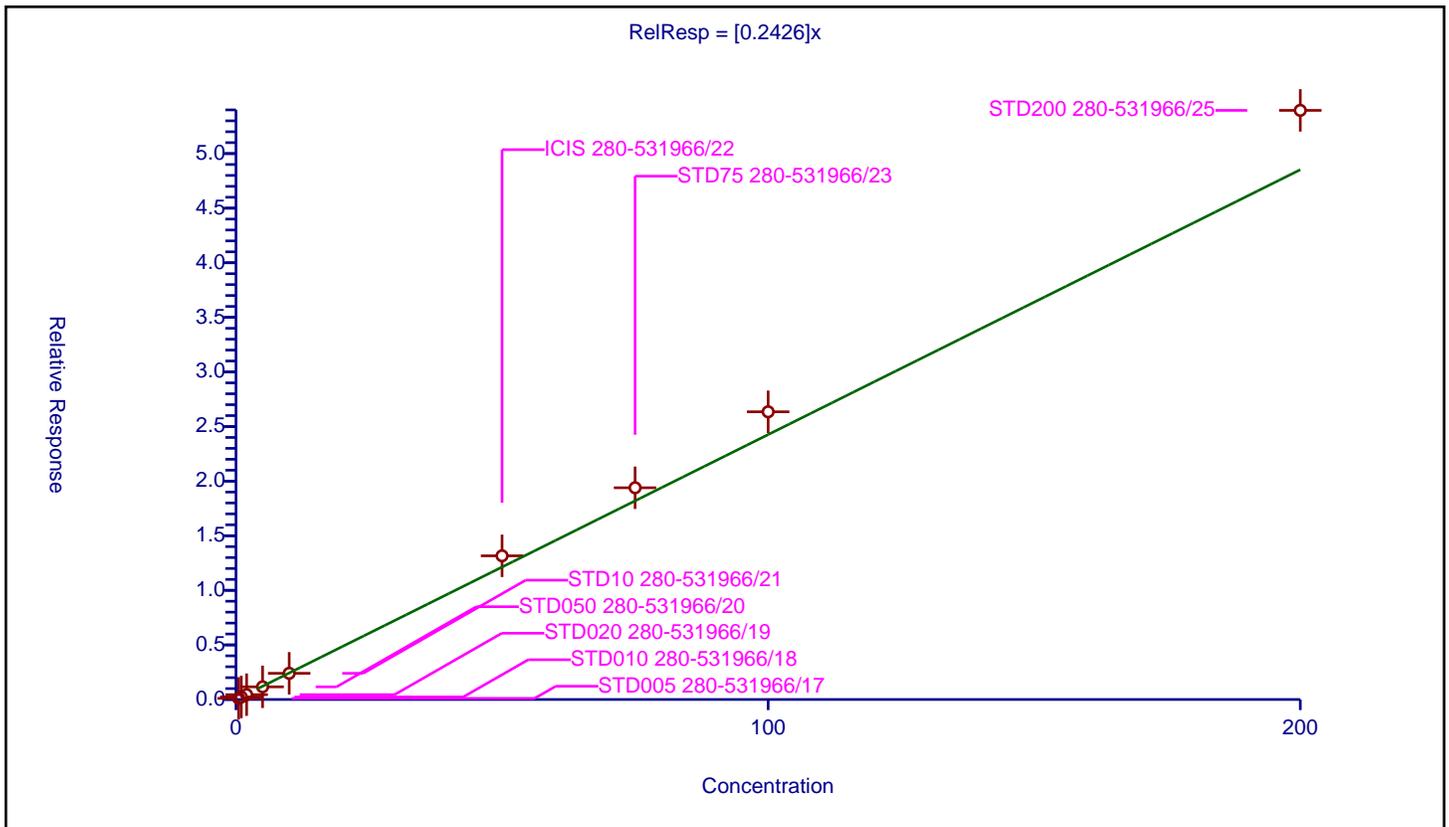
/ Dichlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2426

Error Coefficients	
Standard Error:	453000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.10202	50.0	927268.0	0.20404	Y
2	STD010 280-531966/18	1.0	0.231601	50.0	936957.0	0.231601	Y
3	STD020 280-531966/19	2.0	0.442361	50.0	933175.0	0.22118	Y
4	STD050 280-531966/20	5.0	1.158805	50.0	970741.0	0.231761	Y
5	STD10 280-531966/21	10.0	2.398429	50.0	956105.0	0.239843	Y
6	ICIS 280-531966/22	50.0	13.157634	50.0	958778.0	0.263153	Y
7	STD75 280-531966/23	75.0	19.393463	50.0	980253.0	0.25858	Y
8	STD100 280-531966/24	100.0	26.348916	50.0	1003417.0	0.263489	Y
9	STD200 280-531966/25	200.0	53.955613	50.0	995282.0	0.269778	Y



Calibration

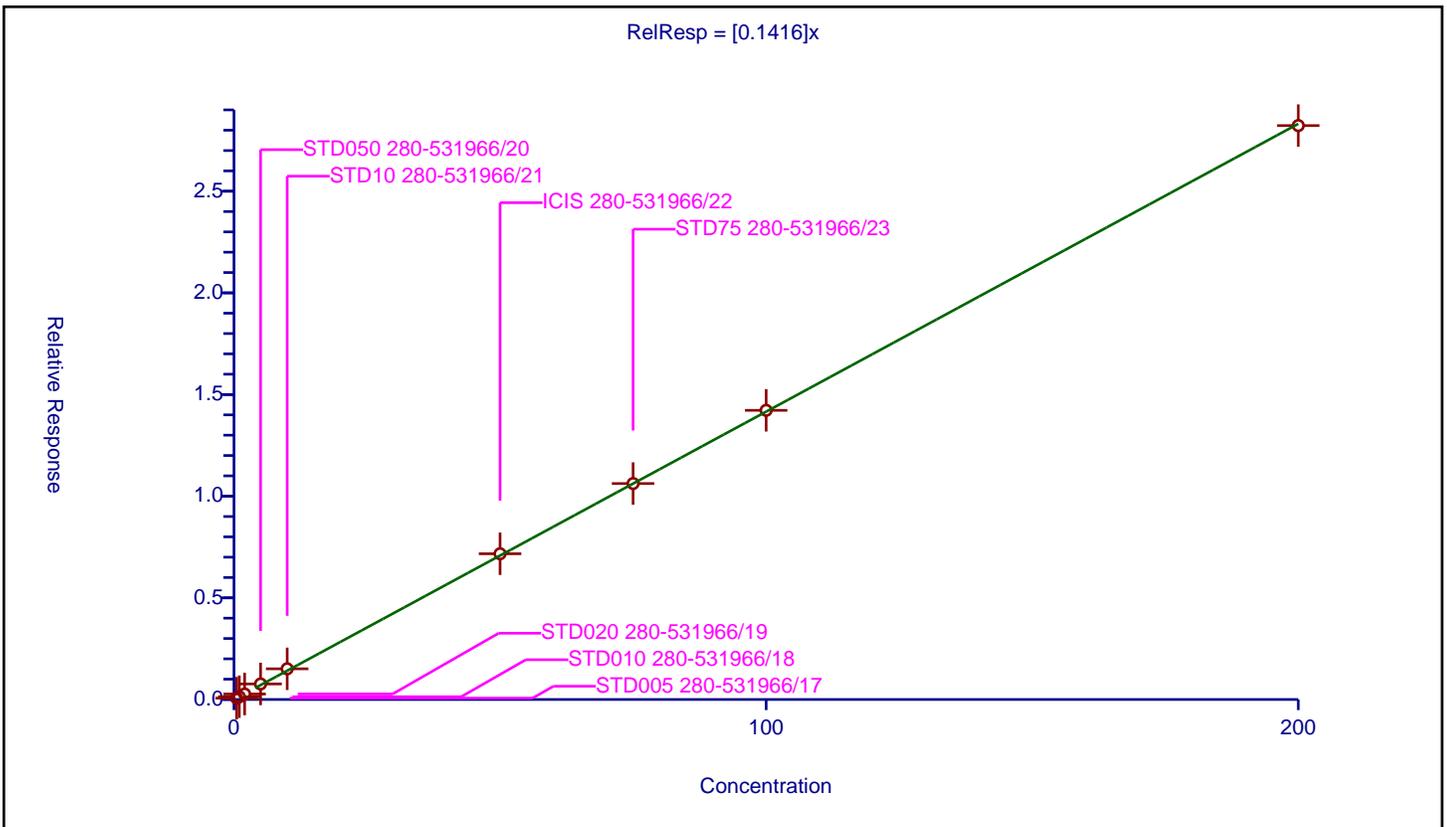
/ 2-Chloroethyl vinyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1416

Error Coefficients	
Standard Error:	240000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.065731	50.0	927268.0	0.131461	Y
2	STD010 280-531966/18	1.0	0.135812	50.0	936957.0	0.135812	Y
3	STD020 280-531966/19	2.0	0.269456	50.0	933175.0	0.134728	Y
4	STD050 280-531966/20	5.0	0.764519	50.0	970741.0	0.152904	Y
5	STD10 280-531966/21	10.0	1.509092	50.0	956105.0	0.150909	Y
6	ICIS 280-531966/22	50.0	7.168552	50.0	958778.0	0.143371	Y
7	STD75 280-531966/23	75.0	10.622054	50.0	980253.0	0.141627	Y
8	STD100 280-531966/24	100.0	14.22305	50.0	1003417.0	0.14223	Y
9	STD200 280-531966/25	200.0	28.228281	50.0	995282.0	0.141141	Y



**Calibration**

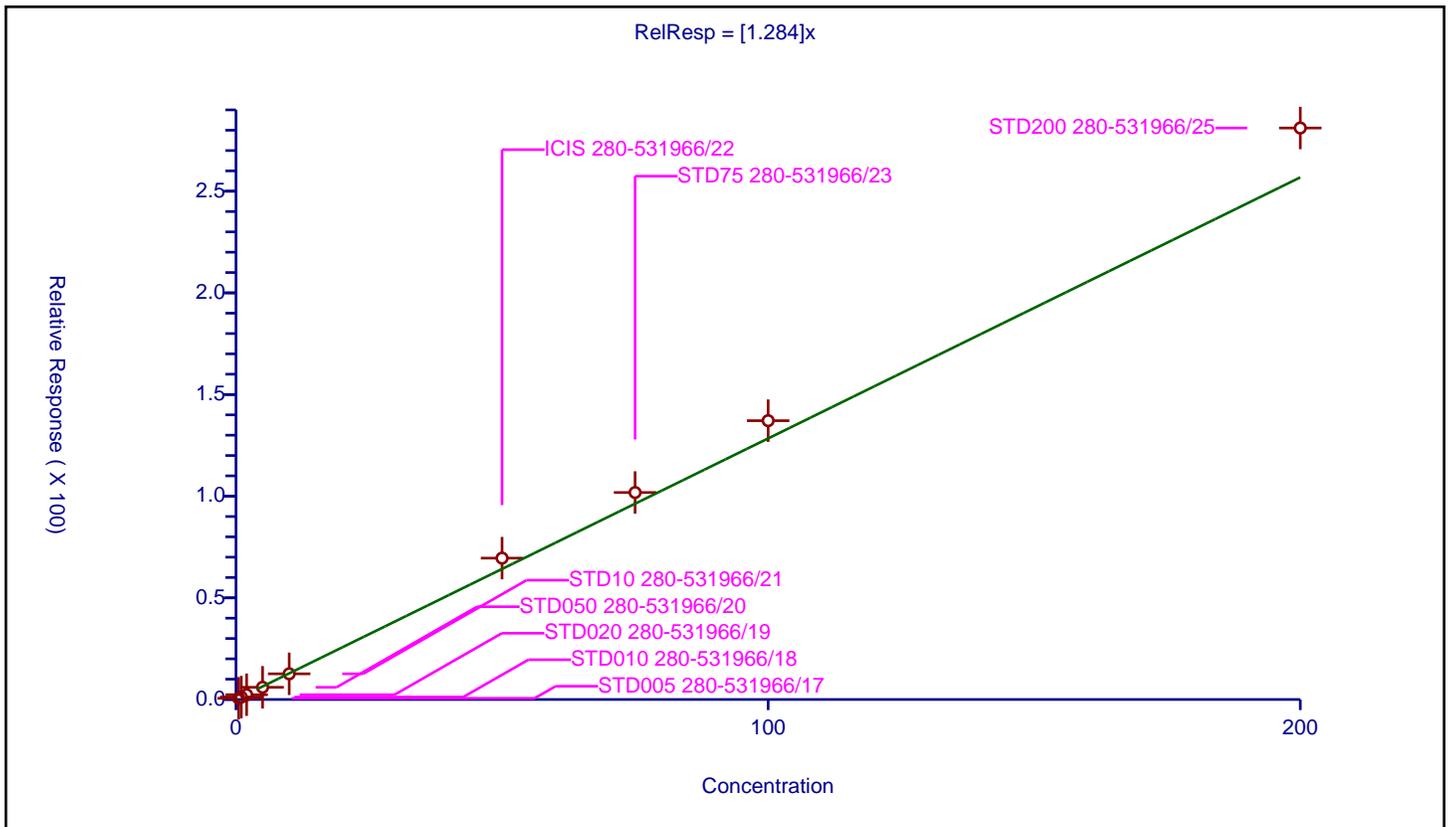
/ cis-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.284

Error Coefficients	
Standard Error:	549000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.59432	50.0	213353.0	1.18864	Y
2	STD010 280-531966/18	1.0	1.201859	50.0	215125.0	1.201859	Y
3	STD020 280-531966/19	2.0	2.354552	50.0	212206.0	1.177276	Y
4	STD050 280-531966/20	5.0	6.005139	50.0	221835.0	1.201028	Y
5	STD10 280-531966/21	10.0	12.627447	50.0	220385.0	1.262745	Y
6	ICIS 280-531966/22	50.0	69.529521	50.0	218756.0	1.39059	Y
7	STD75 280-531966/23	75.0	101.811293	50.0	225005.0	1.357484	Y
8	STD100 280-531966/24	100.0	137.140303	50.0	233252.0	1.371403	Y
9	STD200 280-531966/25	200.0	281.098747	50.0	231400.0	1.405494	Y



Calibration

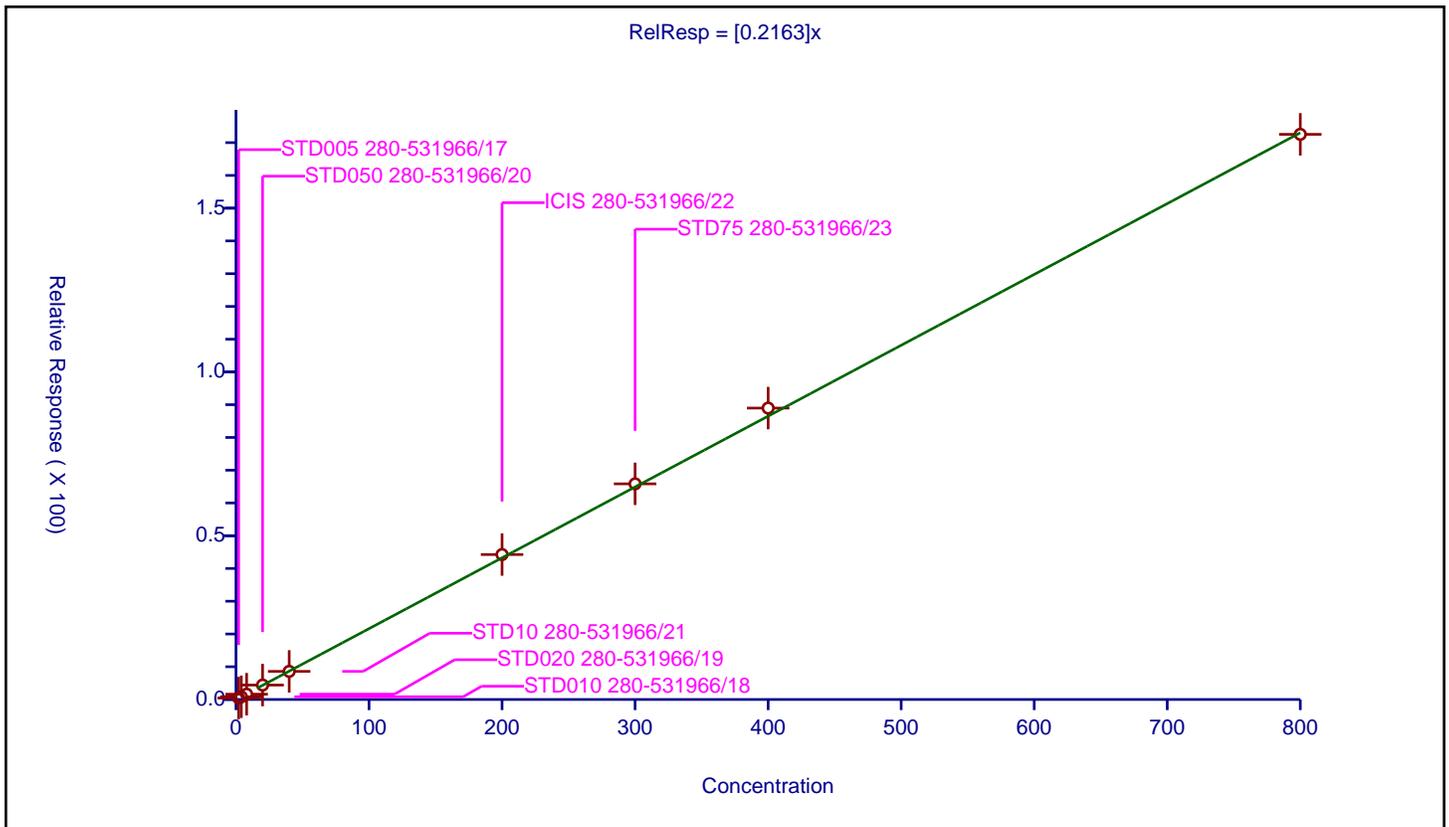
/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2163

Error Coefficients	
Standard Error:	1470000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	2.0	0.44162	50.0	927268.0	0.22081	Y
2	STD010 280-531966/18	4.0	0.837659	50.0	936957.0	0.209415	Y
3	STD020 280-531966/19	8.0	1.61931	50.0	933175.0	0.202414	Y
4	STD050 280-531966/20	20.0	4.409312	50.0	970741.0	0.220466	Y
5	STD10 280-531966/21	40.0	8.581327	50.0	956105.0	0.214533	Y
6	ICIS 280-531966/22	200.0	44.249659	50.0	958778.0	0.221248	Y
7	STD75 280-531966/23	300.0	65.838768	50.0	980253.0	0.219463	Y
8	STD100 280-531966/24	400.0	88.965455	50.0	1003417.0	0.222414	Y
9	STD200 280-531966/25	800.0	172.537582	50.0	995282.0	0.215672	Y



**Calibration**

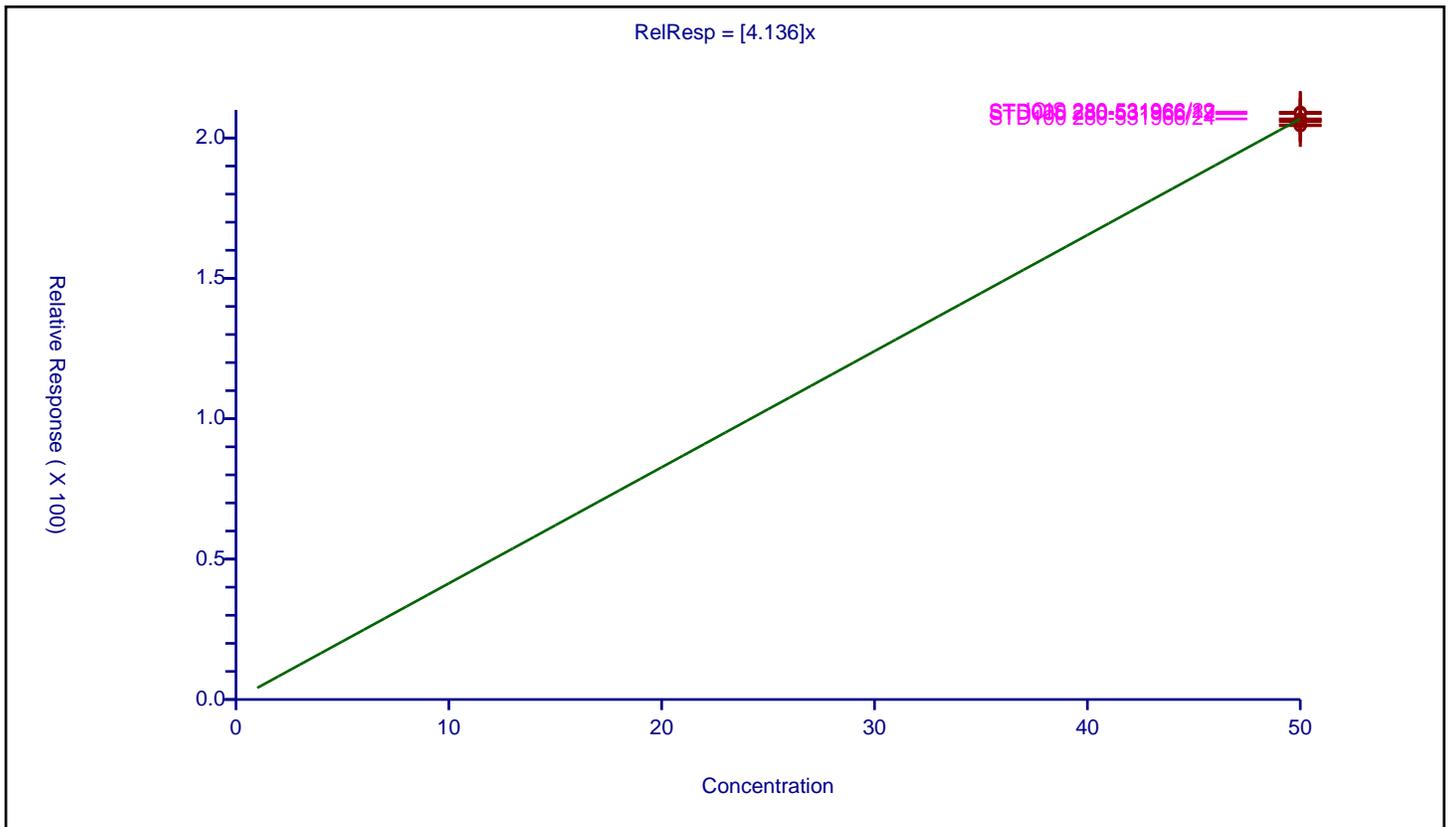
/ Toluene-d8 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.136

Error Coefficients	
Standard Error:	971000
Relative Standard Error:	0.9
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	50.0	208.718415	50.0	213353.0	4.174368	Y
2	STD010 280-531966/18	50.0	206.569669	50.0	215125.0	4.131393	Y
3	STD020 280-531966/19	50.0	208.948145	50.0	212206.0	4.178963	Y
4	STD050 280-531966/20	50.0	204.538734	50.0	221835.0	4.090775	Y
5	STD10 280-531966/21	50.0	206.171926	50.0	220385.0	4.123439	Y
6	ICIS 280-531966/22	50.0	209.199519	50.0	218756.0	4.18399	Y
7	STD75 280-531966/23	50.0	205.758094	50.0	225005.0	4.115162	Y
8	STD100 280-531966/24	50.0	206.794797	50.0	233252.0	4.135896	Y
9	STD200 280-531966/25	50.0	204.361063	50.0	231400.0	4.087221	Y



Calibration

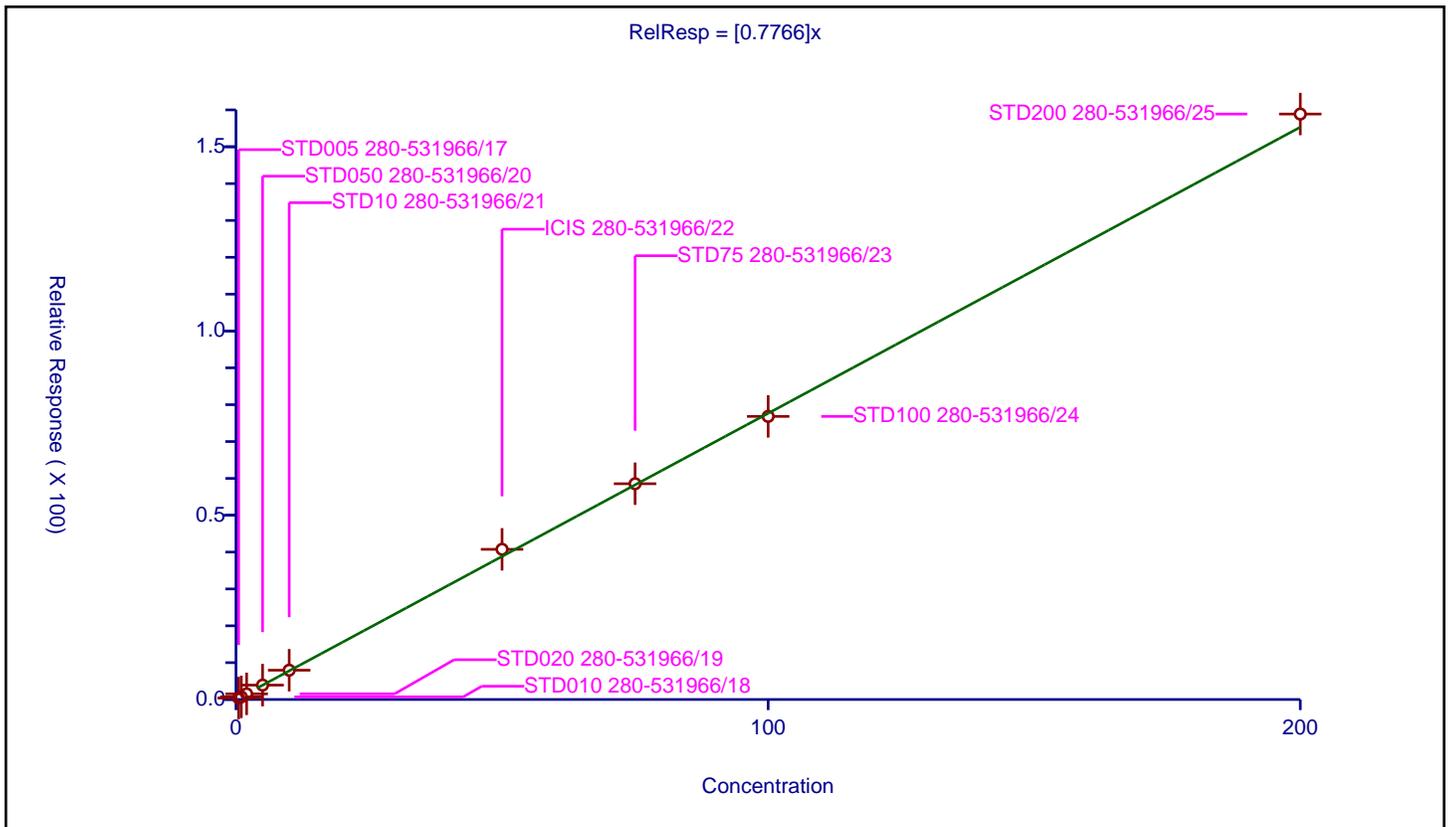
/ Toluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7766

Error Coefficients	
Standard Error:	1340000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.388992	50.0	927268.0	0.777984	Y
2	STD010 280-531966/18	1.0	0.714601	50.0	936957.0	0.714601	Y
3	STD020 280-531966/19	2.0	1.525545	50.0	933175.0	0.762772	Y
4	STD050 280-531966/20	5.0	3.902689	50.0	970741.0	0.780538	Y
5	STD10 280-531966/21	10.0	7.947506	50.0	956105.0	0.794751	Y
6	ICIS 280-531966/22	50.0	40.754481	50.0	958778.0	0.81509	Y
7	STD75 280-531966/23	75.0	58.550599	50.0	980253.0	0.780675	Y
8	STD100 280-531966/24	100.0	76.823046	50.0	1003417.0	0.76823	Y
9	STD200 280-531966/25	200.0	158.87447	50.0	995282.0	0.794372	Y



Calibration

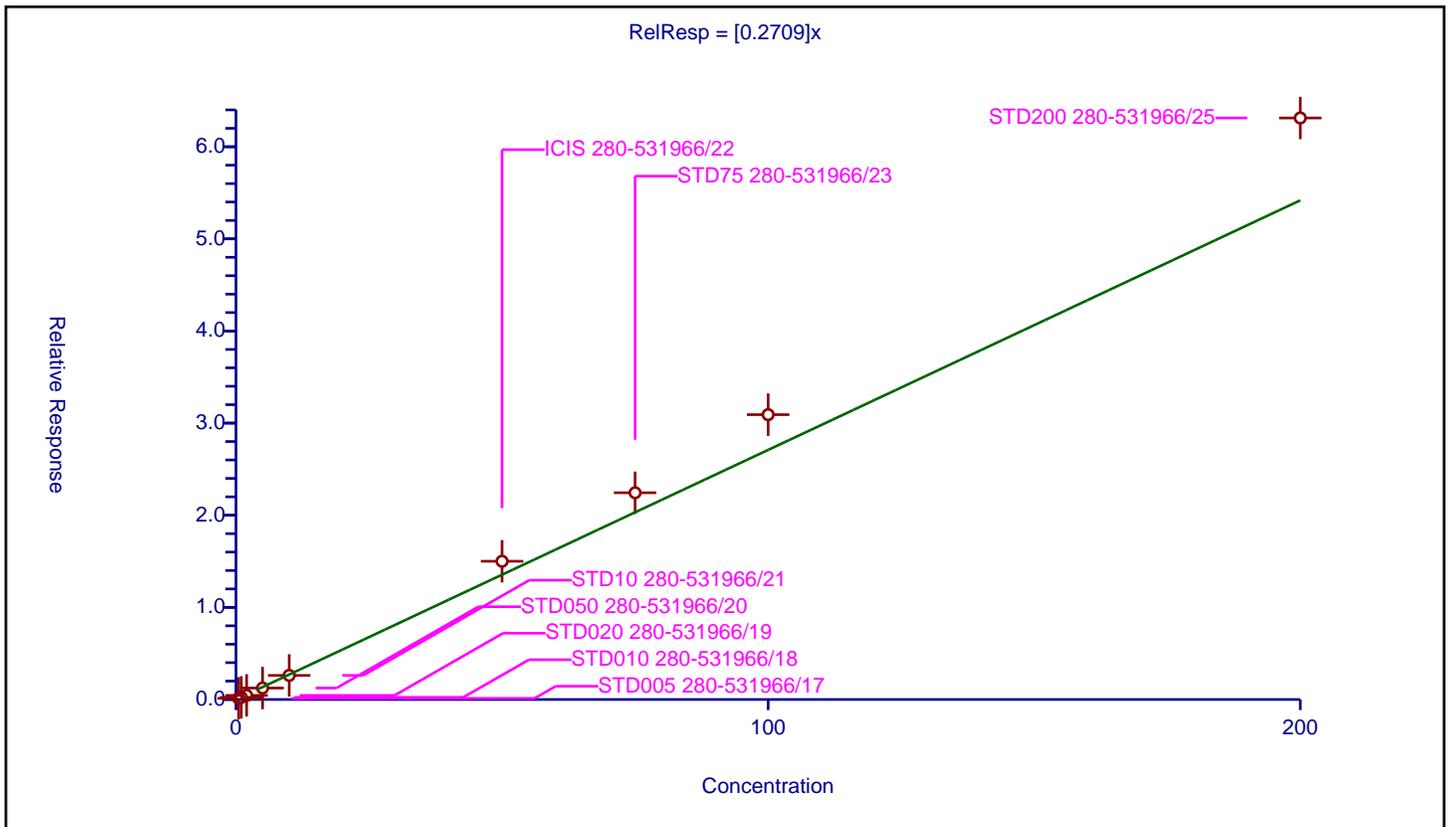
/ trans-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2709

Error Coefficients	
Standard Error:	530000
Relative Standard Error:	13.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.124506	50.0	927268.0	0.249011	Y
2	STD010 280-531966/18	1.0	0.232081	50.0	936957.0	0.232081	Y
3	STD020 280-531966/19	2.0	0.444879	50.0	933175.0	0.22244	Y
4	STD050 280-531966/20	5.0	1.243792	50.0	970741.0	0.248758	Y
5	STD10 280-531966/21	10.0	2.616135	50.0	956105.0	0.261614	Y
6	ICIS 280-531966/22	50.0	15.00462	50.0	958778.0	0.300092	Y
7	STD75 280-531966/23	75.0	22.44242	50.0	980253.0	0.299232	Y
8	STD100 280-531966/24	100.0	30.918452	50.0	1003417.0	0.309185	Y
9	STD200 280-531966/25	200.0	63.123467	50.0	995282.0	0.315617	Y



Calibration

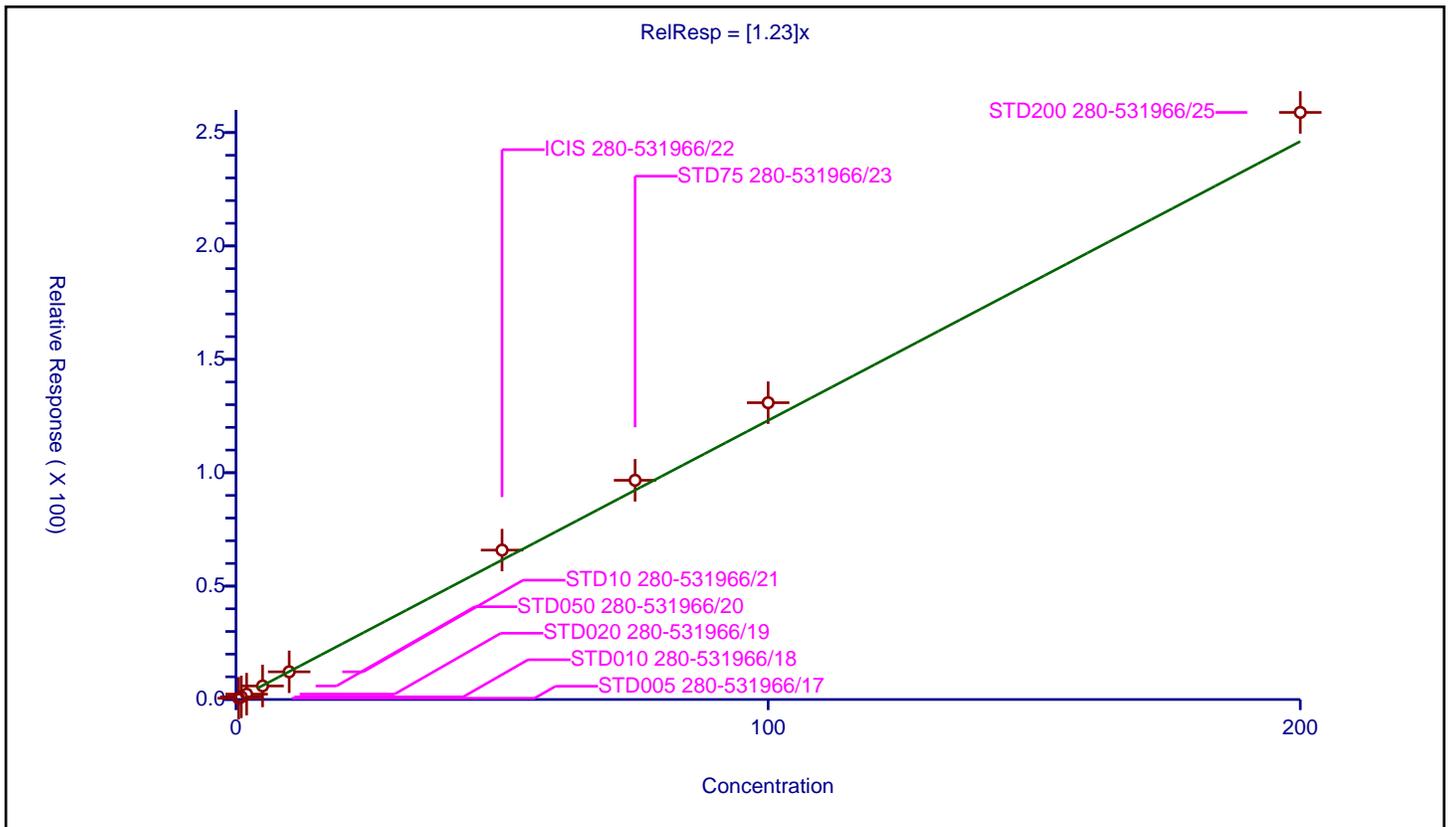
/ Ethyl methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.23

Error Coefficients	
Standard Error:	510000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.550262	50.0	213353.0	1.100524	Y
2	STD010 280-531966/18	1.0	1.162812	50.0	215125.0	1.162812	Y
3	STD020 280-531966/19	2.0	2.37293	50.0	212206.0	1.186465	Y
4	STD050 280-531966/20	5.0	5.969302	50.0	221835.0	1.19386	Y
5	STD10 280-531966/21	10.0	12.211357	50.0	220385.0	1.221136	Y
6	ICIS 280-531966/22	50.0	65.877507	50.0	218756.0	1.31755	Y
7	STD75 280-531966/23	75.0	96.662519	50.0	225005.0	1.288834	Y
8	STD100 280-531966/24	100.0	130.882479	50.0	233252.0	1.308825	Y
9	STD200 280-531966/25	200.0	258.889801	50.0	231400.0	1.294449	Y



Calibration

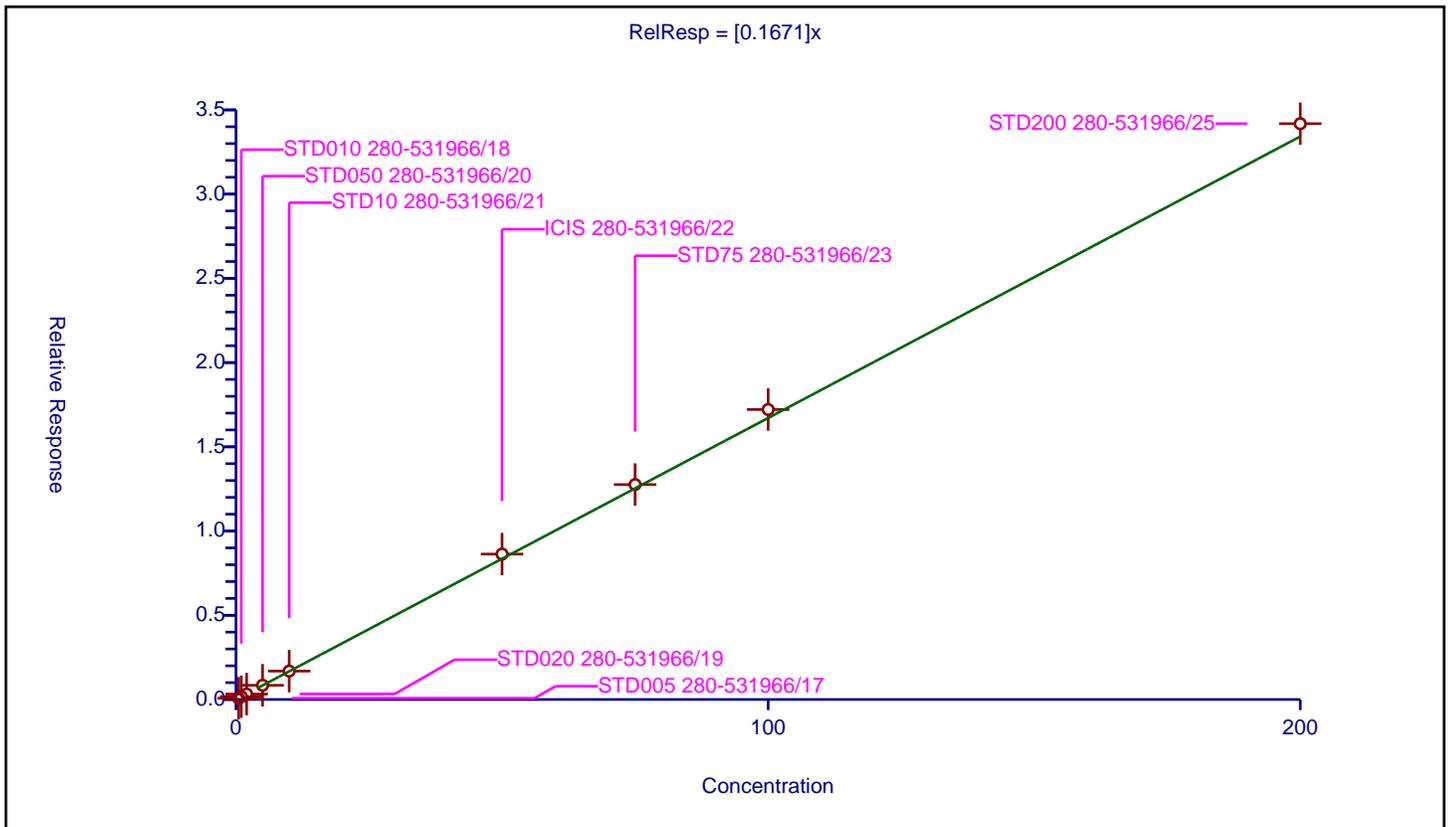
/ 1,1,2-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1671

Error Coefficients	
Standard Error:	290000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.075383	50.0	927268.0	0.150765	Y
2	STD010 280-531966/18	1.0	0.169005	50.0	936957.0	0.169005	Y
3	STD020 280-531966/19	2.0	0.321805	50.0	933175.0	0.160902	Y
4	STD050 280-531966/20	5.0	0.844406	50.0	970741.0	0.168881	Y
5	STD10 280-531966/21	10.0	1.686112	50.0	956105.0	0.168611	Y
6	ICIS 280-531966/22	50.0	8.630256	50.0	958778.0	0.172605	Y
7	STD75 280-531966/23	75.0	12.757778	50.0	980253.0	0.170104	Y
8	STD100 280-531966/24	100.0	17.213631	50.0	1003417.0	0.172136	Y
9	STD200 280-531966/25	200.0	34.18187	50.0	995282.0	0.170909	Y



**Calibration**

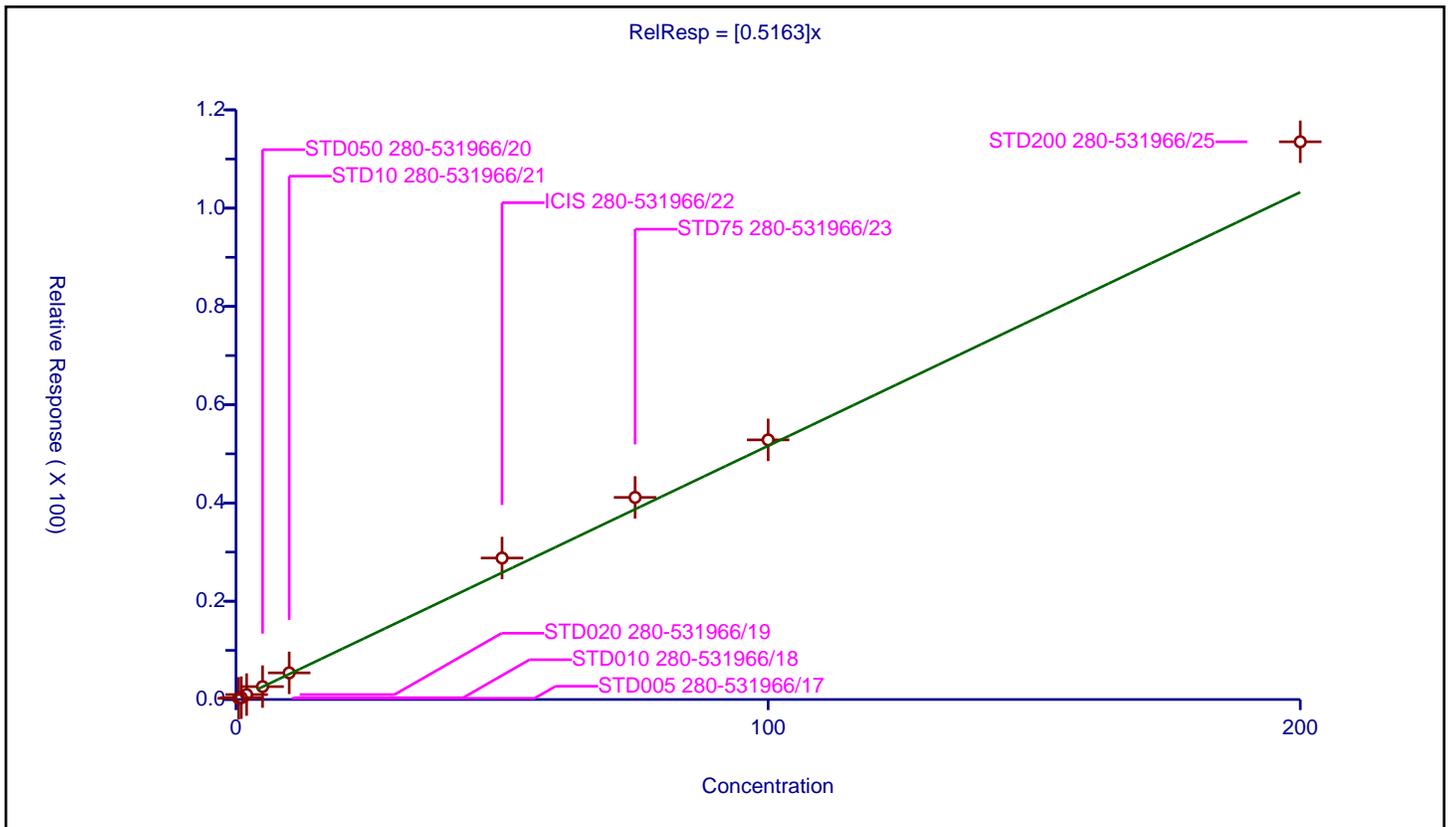
**/ Tetrachloroethene**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5163

Error Coefficients	
Standard Error:	220000
Relative Standard Error:	11.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.244431	50.0	213353.0	0.488861	Y
2	STD010 280-531966/18	1.0	0.371412	50.0	215125.0	0.371412	Y
3	STD020 280-531966/19	2.0	1.000914	50.0	212206.0	0.500457	Y
4	STD050 280-531966/20	5.0	2.617486	50.0	221835.0	0.523497	Y
5	STD10 280-531966/21	10.0	5.418926	50.0	220385.0	0.541893	Y
6	ICIS 280-531966/22	50.0	28.792582	50.0	218756.0	0.575852	Y
7	STD75 280-531966/23	75.0	41.128197	50.0	225005.0	0.548376	Y
8	STD100 280-531966/24	100.0	52.838347	50.0	233252.0	0.528383	Y
9	STD200 280-531966/25	200.0	113.508427	50.0	231400.0	0.567542	Y



**Calibration**

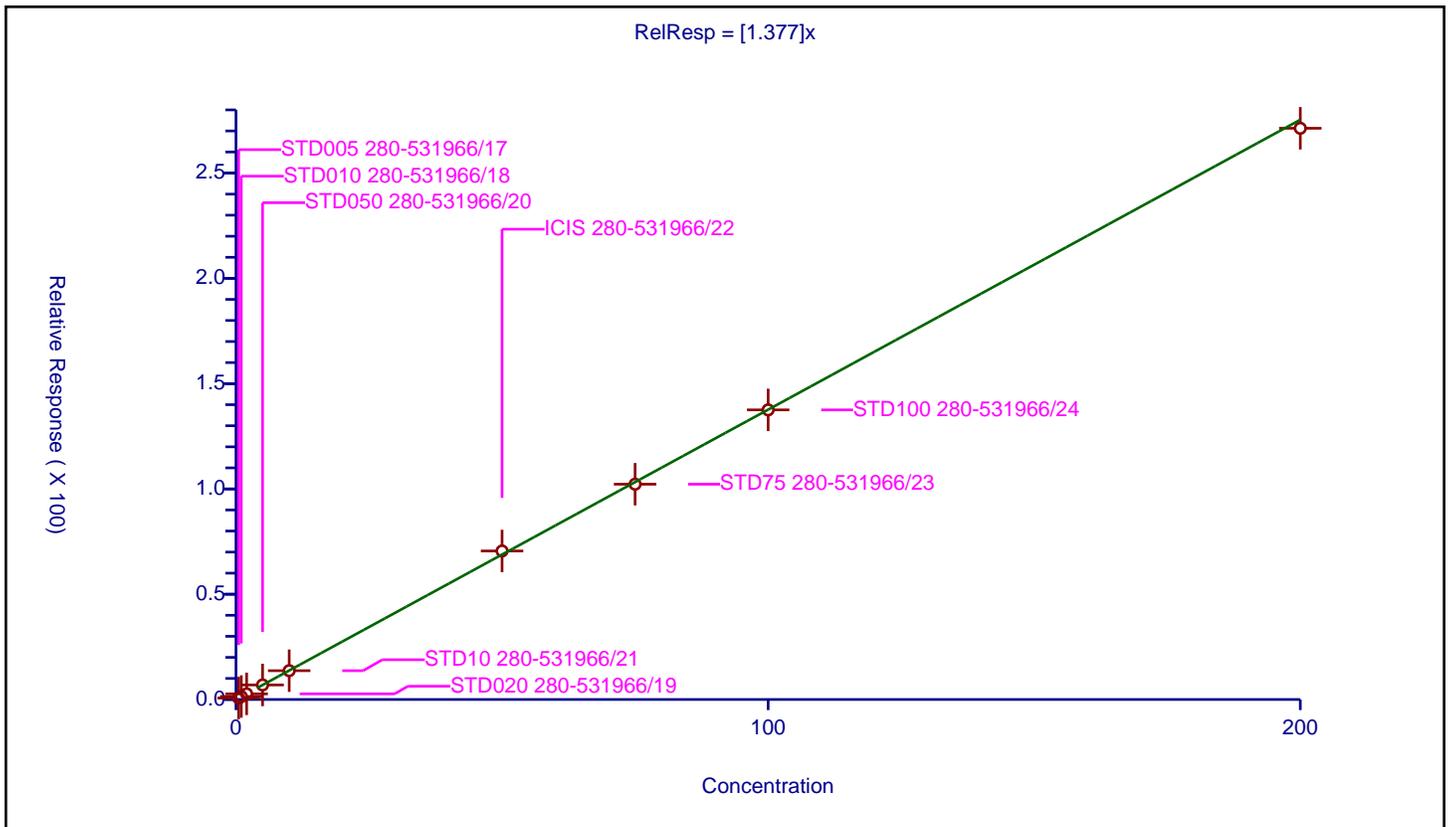
/ 1,3-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.377

Error Coefficients	
Standard Error:	536000
Relative Standard Error:	1.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.69228	50.0	213353.0	1.38456	Y
2	STD010 280-531966/18	1.0	1.412202	50.0	215125.0	1.412202	Y
3	STD020 280-531966/19	2.0	2.675231	50.0	212206.0	1.337615	Y
4	STD050 280-531966/20	5.0	6.902427	50.0	221835.0	1.380485	Y
5	STD10 280-531966/21	10.0	13.683781	50.0	220385.0	1.368378	Y
6	ICIS 280-531966/22	50.0	70.528351	50.0	218756.0	1.410567	Y
7	STD75 280-531966/23	75.0	102.237506	50.0	225005.0	1.363167	Y
8	STD100 280-531966/24	100.0	137.537299	50.0	233252.0	1.375373	Y
9	STD200 280-531966/25	200.0	271.269663	50.0	231400.0	1.356348	Y



Calibration

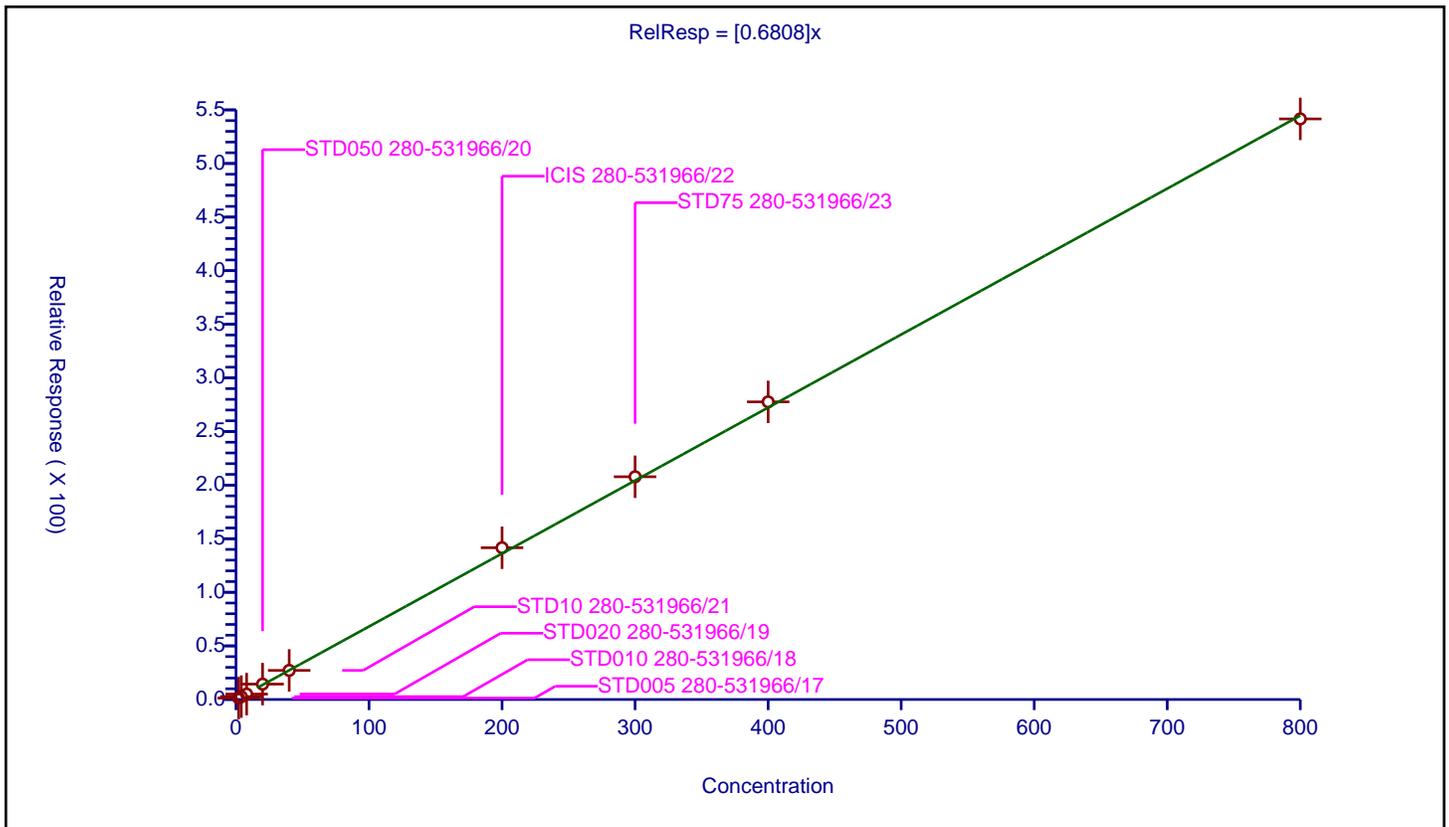
/ 2-Hexanone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6808

Error Coefficients	
Standard Error:	1070000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	2.0	1.304177	50.0	213353.0	0.652088	Y
2	STD010 280-531966/18	4.0	2.699128	50.0	215125.0	0.674782	Y
3	STD020 280-531966/19	8.0	5.067953	50.0	212206.0	0.633494	Y
4	STD050 280-531966/20	20.0	14.348051	50.0	221835.0	0.717403	Y
5	STD10 280-531966/21	40.0	27.135694	50.0	220385.0	0.678392	Y
6	ICIS 280-531966/22	200.0	141.55886	50.0	218756.0	0.707794	Y
7	STD75 280-531966/23	300.0	207.769605	50.0	225005.0	0.692565	Y
8	STD100 280-531966/24	400.0	277.62763	50.0	233252.0	0.694069	Y
9	STD200 280-531966/25	800.0	541.580164	50.0	231400.0	0.676975	Y



Calibration

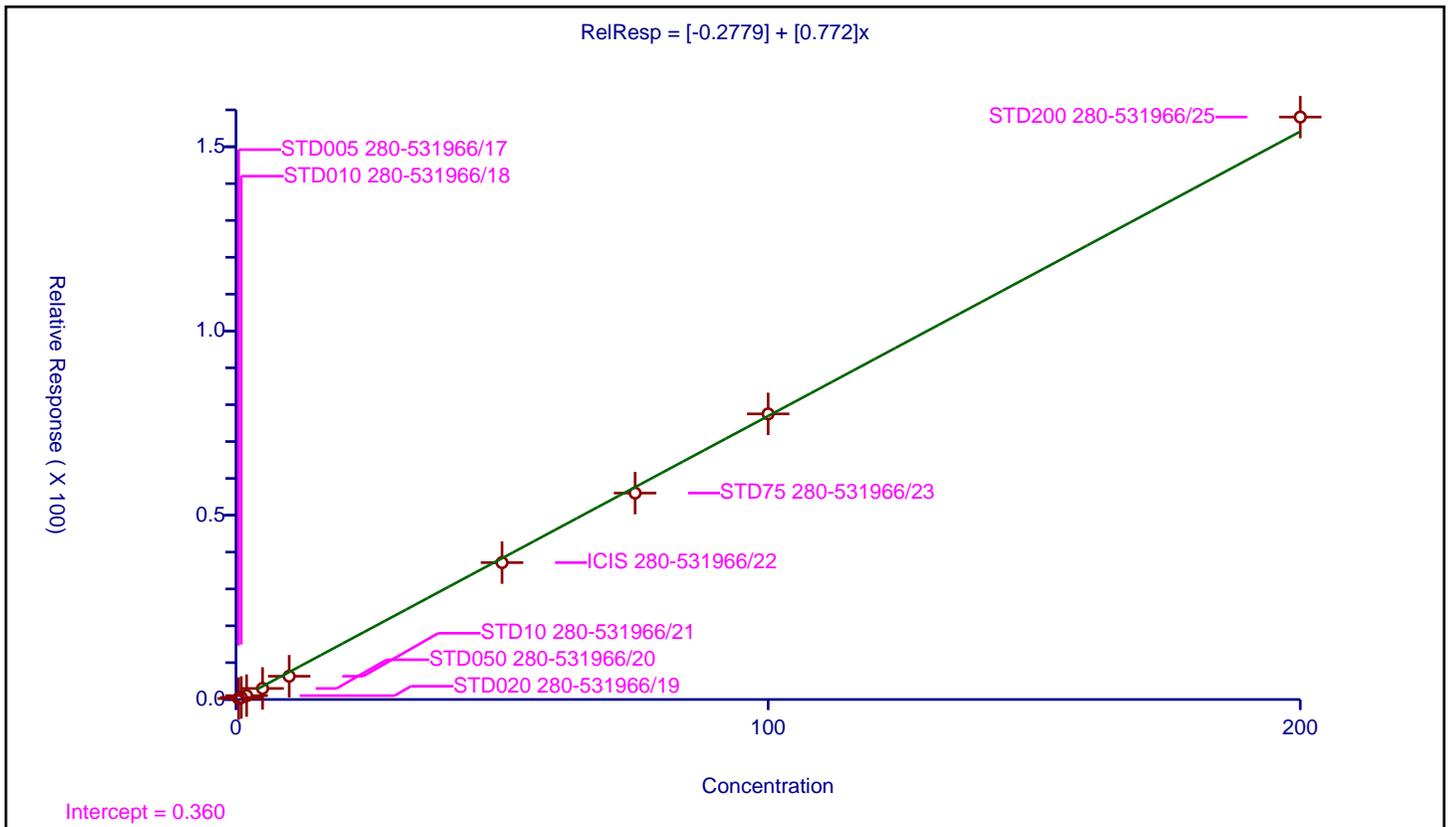
/ Chlorodibromomethane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.2779
Slope:	0.772

Error Coefficients	
Standard Error:	329000
Relative Standard Error:	17.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.258726	50.0	213353.0	0.517452	Y
2	STD010 280-531966/18	1.0	0.550378	50.0	215125.0	0.550378	Y
3	STD020 280-531966/19	2.0	1.049923	50.0	212206.0	0.524962	Y
4	STD050 280-531966/20	5.0	2.996371	50.0	221835.0	0.599274	Y
5	STD10 280-531966/21	10.0	6.3169	50.0	220385.0	0.63169	Y
6	ICIS 280-531966/22	50.0	37.147553	50.0	218756.0	0.742951	Y
7	STD75 280-531966/23	75.0	56.021866	50.0	225005.0	0.746958	Y
8	STD100 280-531966/24	100.0	77.502015	50.0	233252.0	0.77502	Y
9	STD200 280-531966/25	200.0	158.054667	50.0	231400.0	0.790273	Y



**Calibration**

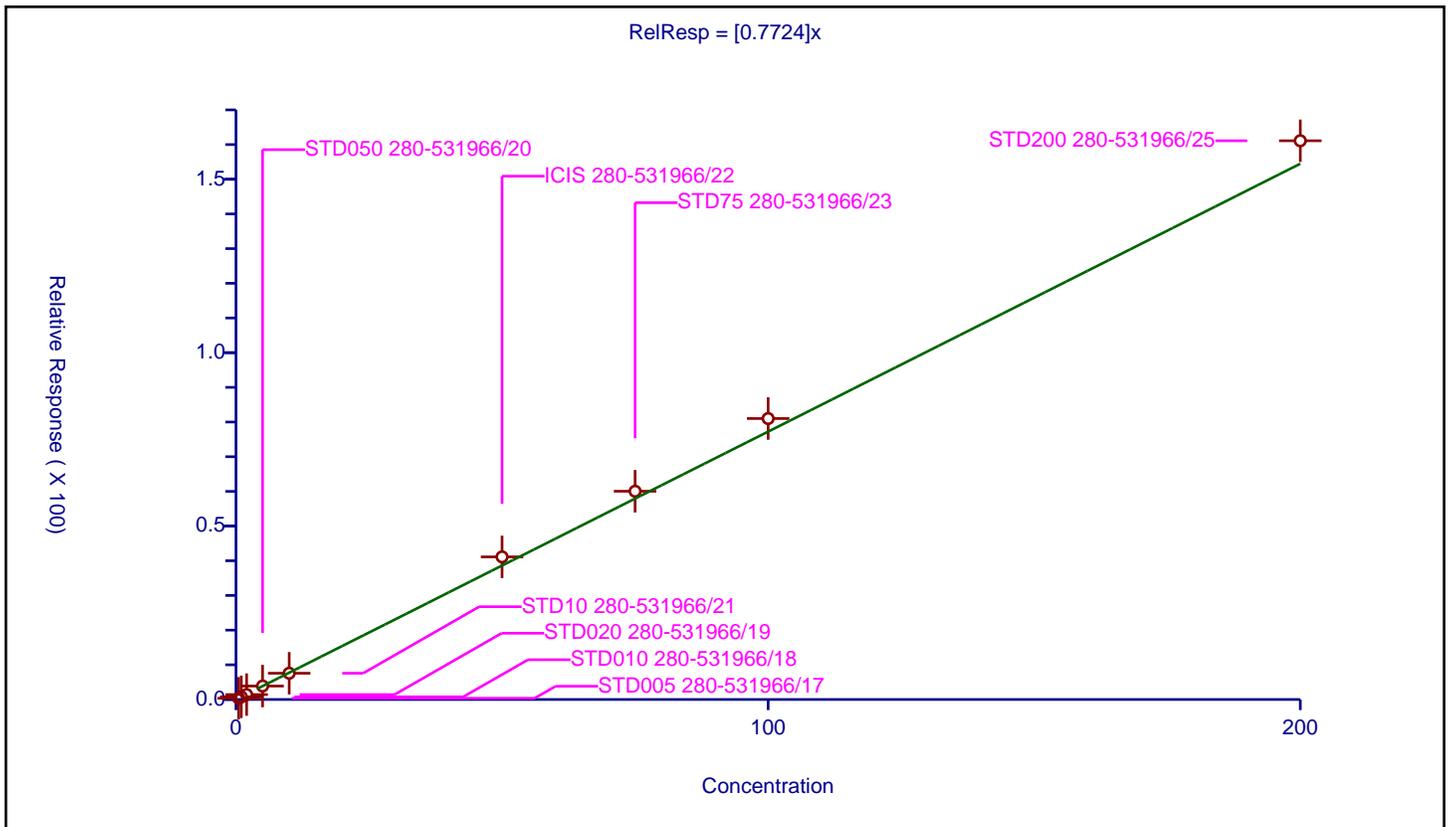
/ Ethylene Dibromide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7724

Error Coefficients	
Standard Error:	317000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.351764	50.0	213353.0	0.703529	Y
2	STD010 280-531966/18	1.0	0.767693	50.0	215125.0	0.767693	Y
3	STD020 280-531966/19	2.0	1.415841	50.0	212206.0	0.707921	Y
4	STD050 280-531966/20	5.0	3.879911	50.0	221835.0	0.775982	Y
5	STD10 280-531966/21	10.0	7.574699	50.0	220385.0	0.75747	Y
6	ICIS 280-531966/22	50.0	41.120244	50.0	218756.0	0.822405	Y
7	STD75 280-531966/23	75.0	60.044888	50.0	225005.0	0.800599	Y
8	STD100 280-531966/24	100.0	81.009166	50.0	233252.0	0.810092	Y
9	STD200 280-531966/25	200.0	161.101772	50.0	231400.0	0.805509	Y



Calibration

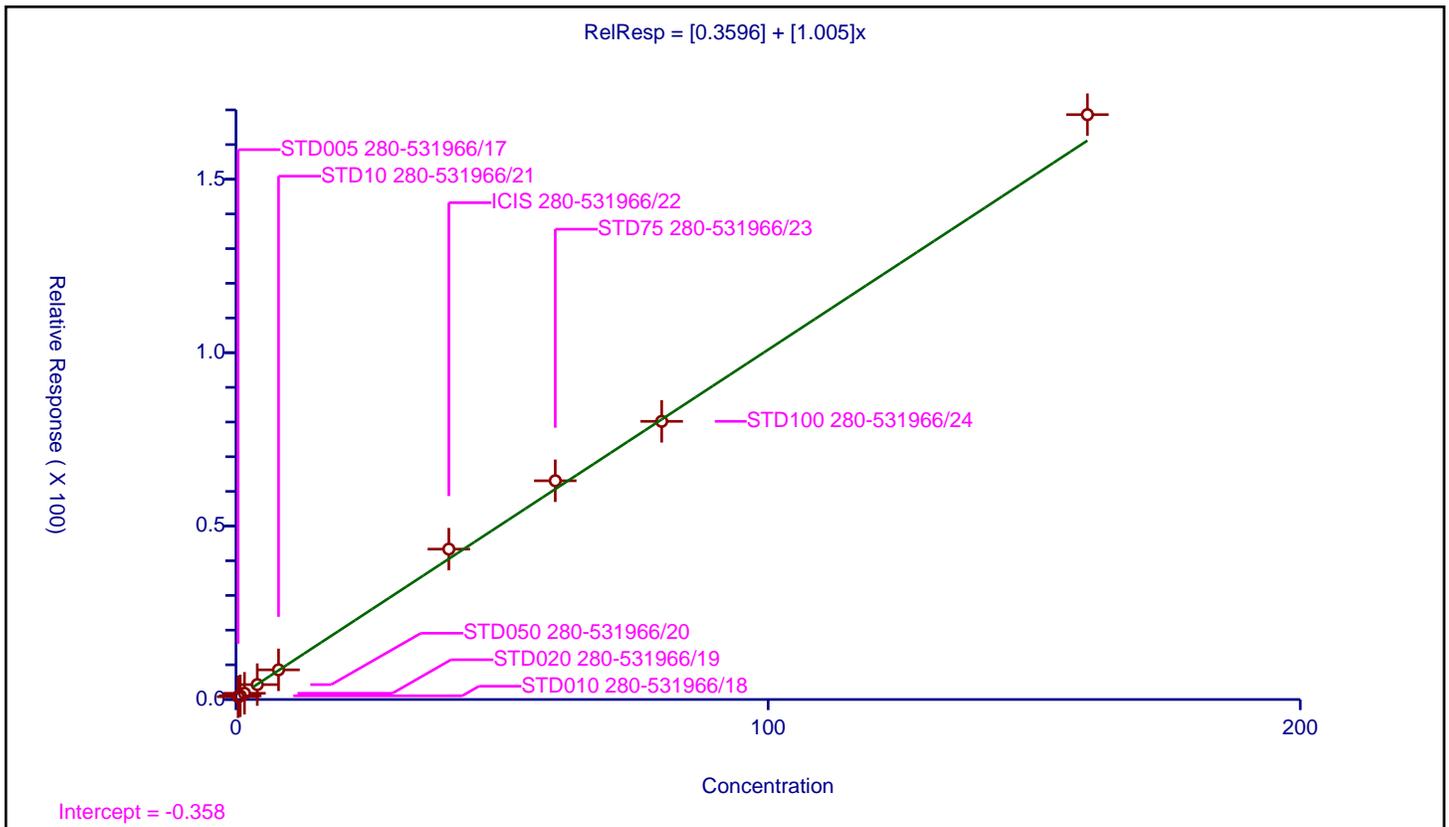
/ 1-Chlorohexane

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.3596
Slope:	1.005

Error Coefficients	
Standard Error:	352000
Relative Standard Error:	8.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.4	0.798676	50.0	213353.0	1.996691	Y
2	STD010 280-531966/18	0.8	1.059617	50.0	215125.0	1.324521	Y
3	STD020 280-531966/19	1.6	1.790713	50.0	212206.0	1.119195	Y
4	STD050 280-531966/20	4.0	4.294408	50.0	221835.0	1.073602	Y
5	STD10 280-531966/21	8.0	8.551852	50.0	220385.0	1.068982	Y
6	ICIS 280-531966/22	40.0	43.358125	50.0	218756.0	1.083953	Y
7	STD75 280-531966/23	60.0	63.068376	50.0	225005.0	1.05114	Y
8	STD100 280-531966/24	80.0	80.202528	50.0	233252.0	1.002532	Y
9	STD200 280-531966/25	160.0	168.628133	50.0	231400.0	1.053926	Y



**Calibration**

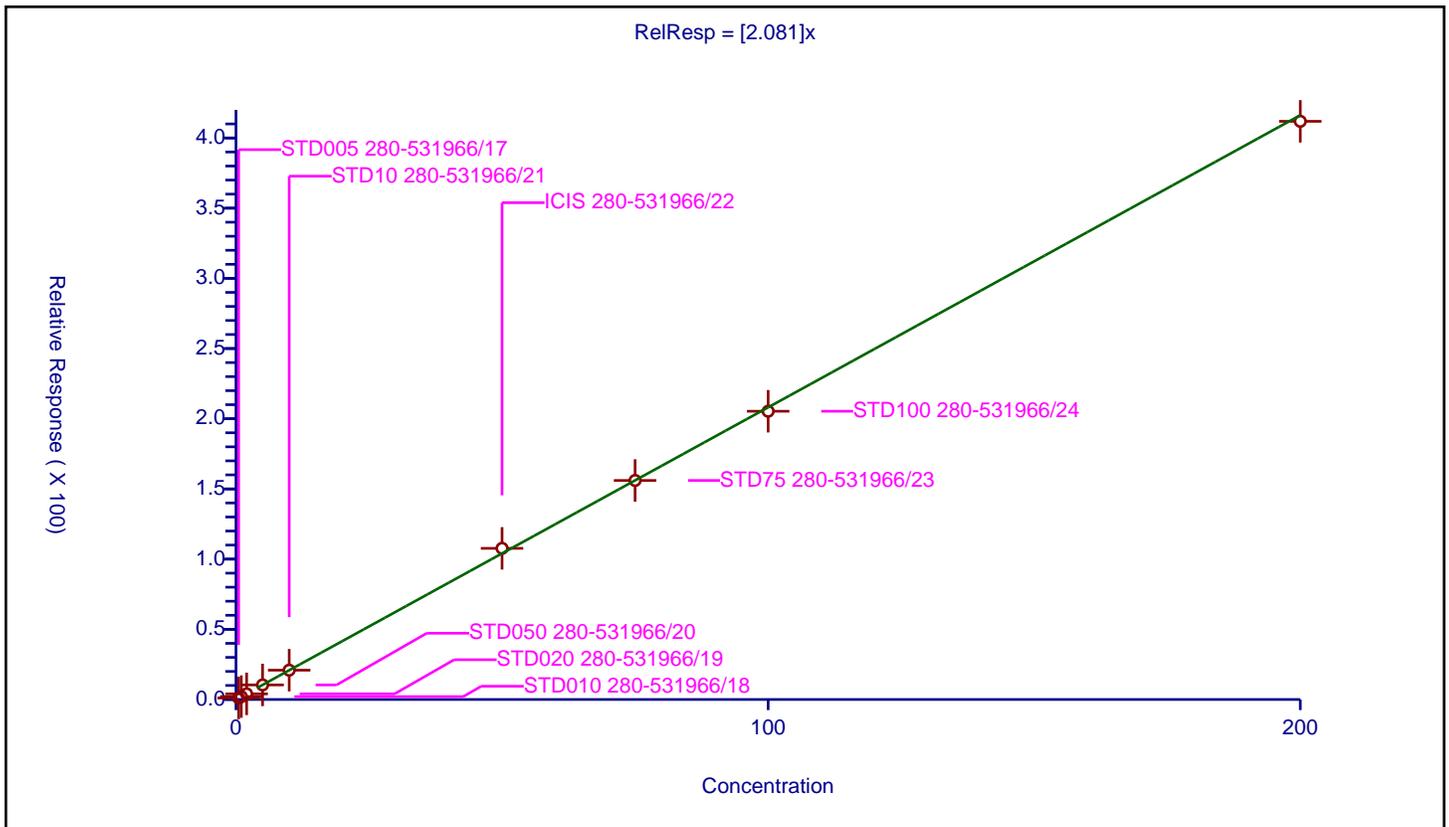
/ Chlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.081

Error Coefficients	
Standard Error:	812000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	1.06748	50.0	213353.0	2.134959	Y
2	STD010 280-531966/18	1.0	2.077629	50.0	215125.0	2.077629	Y
3	STD020 280-531966/19	2.0	4.009783	50.0	212206.0	2.004891	Y
4	STD050 280-531966/20	5.0	10.387225	50.0	221835.0	2.077445	Y
5	STD10 280-531966/21	10.0	20.872791	50.0	220385.0	2.087279	Y
6	ICIS 280-531966/22	50.0	107.664933	50.0	218756.0	2.153299	Y
7	STD75 280-531966/23	75.0	156.030755	50.0	225005.0	2.08041	Y
8	STD100 280-531966/24	100.0	205.347007	50.0	233252.0	2.05347	Y
9	STD200 280-531966/25	200.0	411.858686	50.0	231400.0	2.059293	Y



**Calibration**

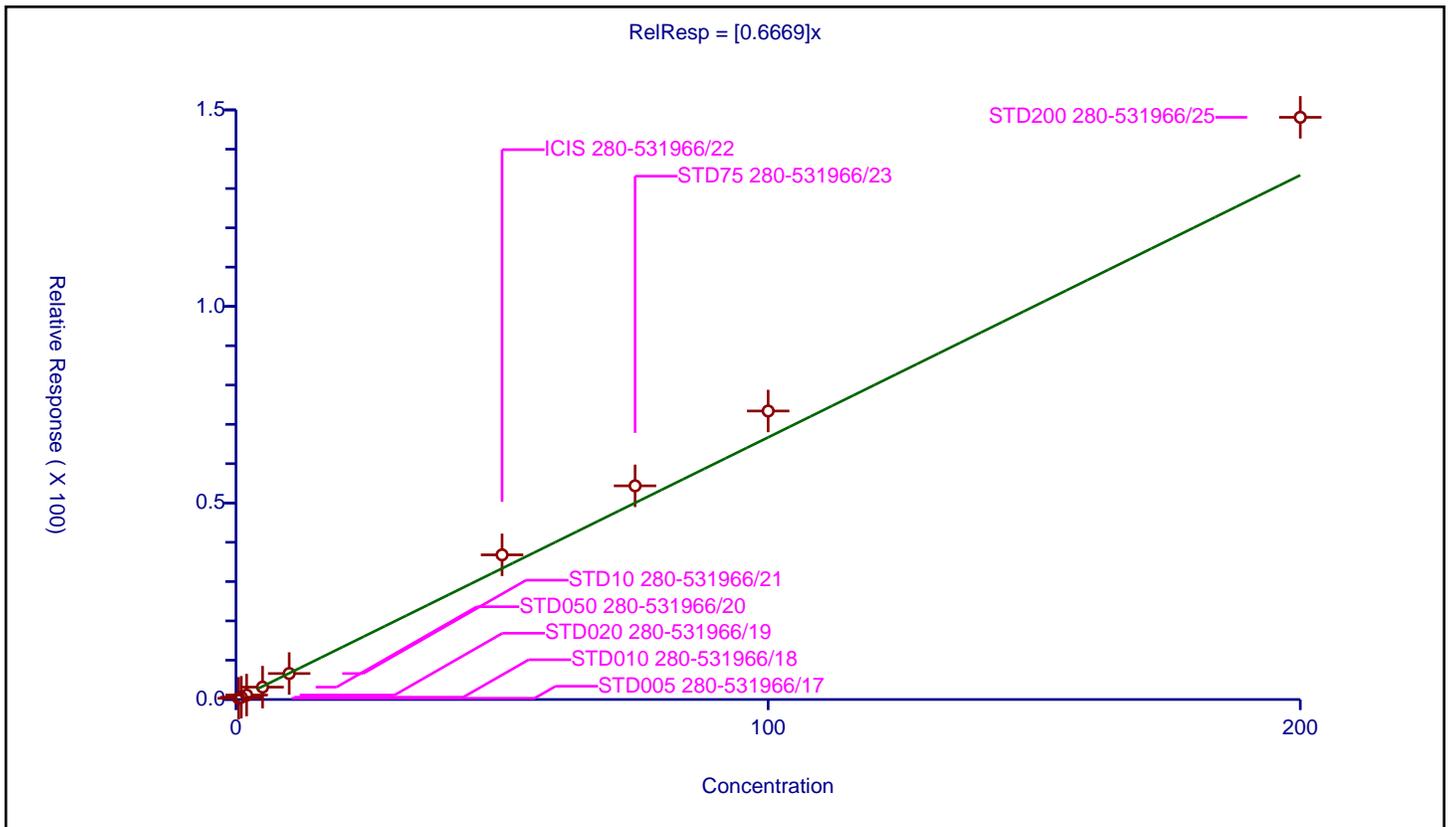
/ 1,1,1,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6669

Error Coefficients	
Standard Error:	290000
Relative Standard Error:	10.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.314737	50.0	213353.0	0.629473	Y
2	STD010 280-531966/18	1.0	0.581987	50.0	215125.0	0.581987	Y
3	STD020 280-531966/19	2.0	1.132155	50.0	212206.0	0.566077	Y
4	STD050 280-531966/20	5.0	3.14513	50.0	221835.0	0.629026	Y
5	STD10 280-531966/21	10.0	6.604125	50.0	220385.0	0.660412	Y
6	ICIS 280-531966/22	50.0	36.801276	50.0	218756.0	0.736026	Y
7	STD75 280-531966/23	75.0	54.35857	50.0	225005.0	0.724781	Y
8	STD100 280-531966/24	100.0	73.393369	50.0	233252.0	0.733934	Y
9	STD200 280-531966/25	200.0	148.114088	50.0	231400.0	0.74057	Y



**Calibration**

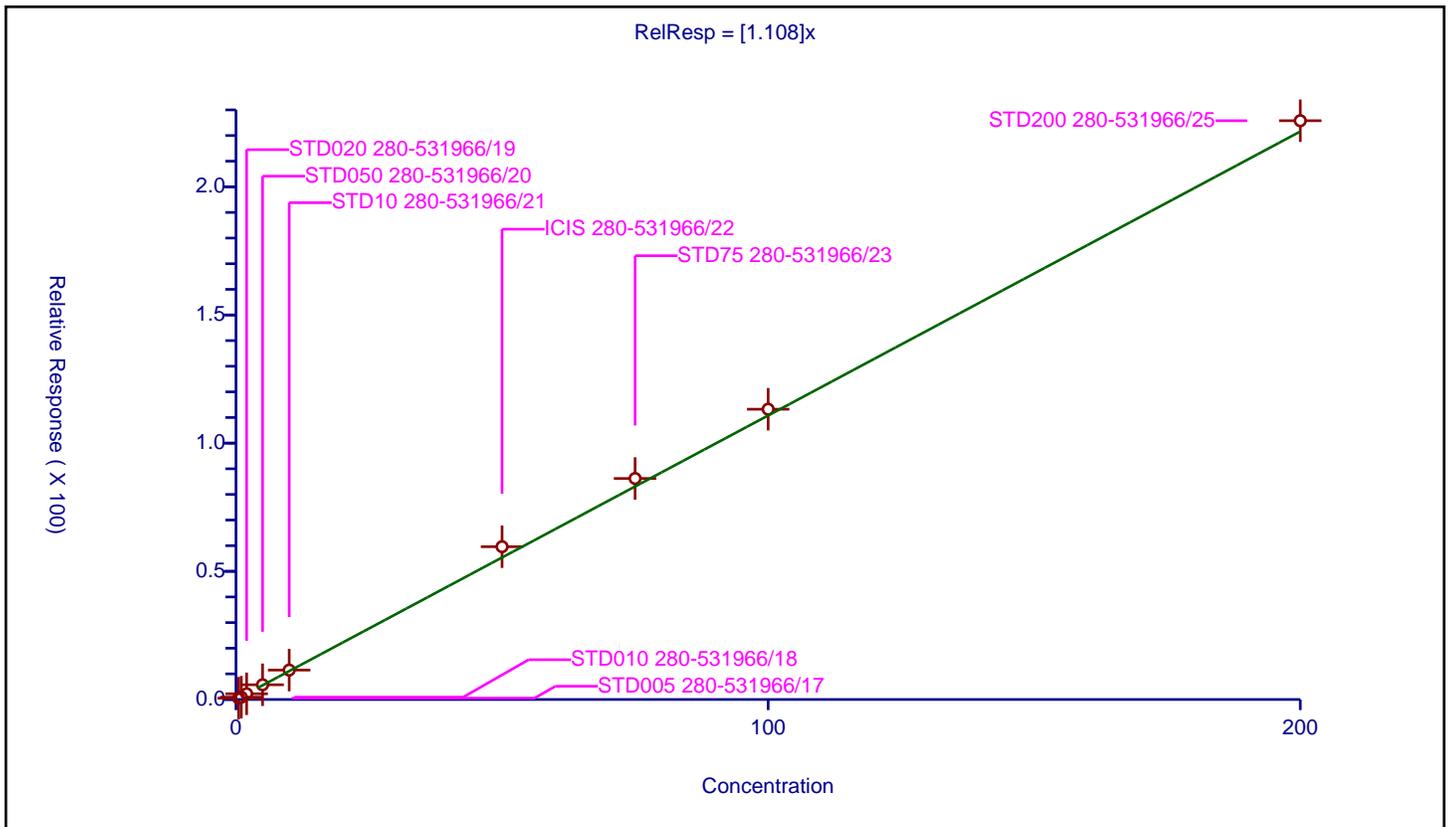
/ Ethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.108

Error Coefficients	
Standard Error:	446000
Relative Standard Error:	7.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.519561	50.0	213353.0	1.039123	Y
2	STD010 280-531966/18	1.0	0.915747	50.0	215125.0	0.915747	Y
3	STD020 280-531966/19	2.0	2.231794	50.0	212206.0	1.115897	Y
4	STD050 280-531966/20	5.0	5.747064	50.0	221835.0	1.149413	Y
5	STD10 280-531966/21	10.0	11.474465	50.0	220385.0	1.147447	Y
6	ICIS 280-531966/22	50.0	59.599508	50.0	218756.0	1.19199	Y
7	STD75 280-531966/23	75.0	86.219862	50.0	225005.0	1.149598	Y
8	STD100 280-531966/24	100.0	113.235256	50.0	233252.0	1.132353	Y
9	STD200 280-531966/25	200.0	225.779818	50.0	231400.0	1.128899	Y



**Calibration**

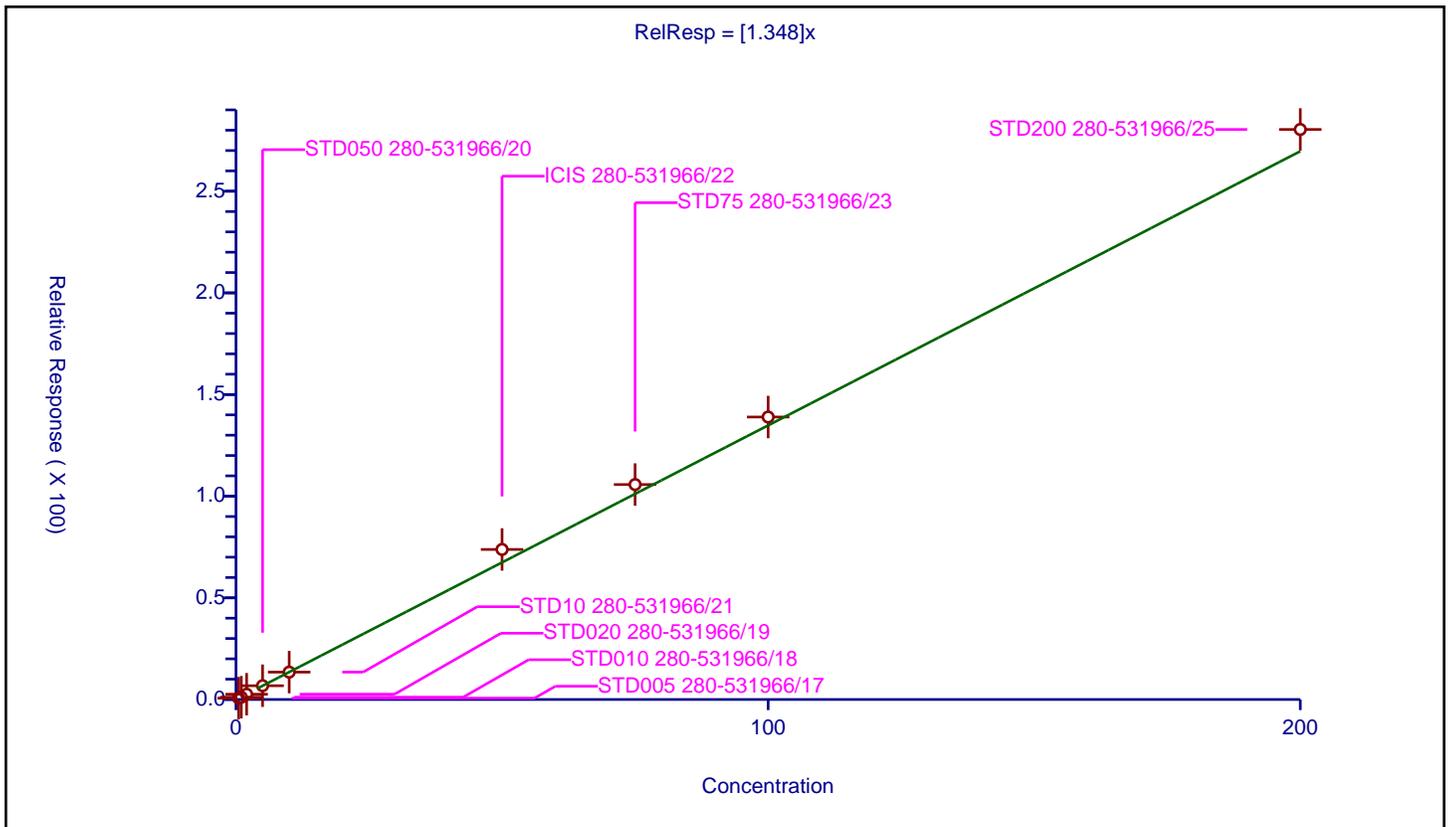
/ m-Xylene & p-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.348

Error Coefficients	
Standard Error:	552000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.65783	50.0	213353.0	1.31566	Y
2	STD010 280-531966/18	1.0	1.138175	50.0	215125.0	1.138175	Y
3	STD020 280-531966/19	2.0	2.603838	50.0	212206.0	1.301919	Y
4	STD050 280-531966/20	5.0	6.773503	50.0	221835.0	1.354701	Y
5	STD10 280-531966/21	10.0	13.468249	50.0	220385.0	1.346825	Y
6	ICIS 280-531966/22	50.0	73.794547	50.0	218756.0	1.475891	Y
7	STD75 280-531966/23	75.0	105.719428	50.0	225005.0	1.409592	Y
8	STD100 280-531966/24	100.0	138.94286	50.0	233252.0	1.389429	Y
9	STD200 280-531966/25	200.0	280.38051	50.0	231400.0	1.401903	Y



**Calibration**

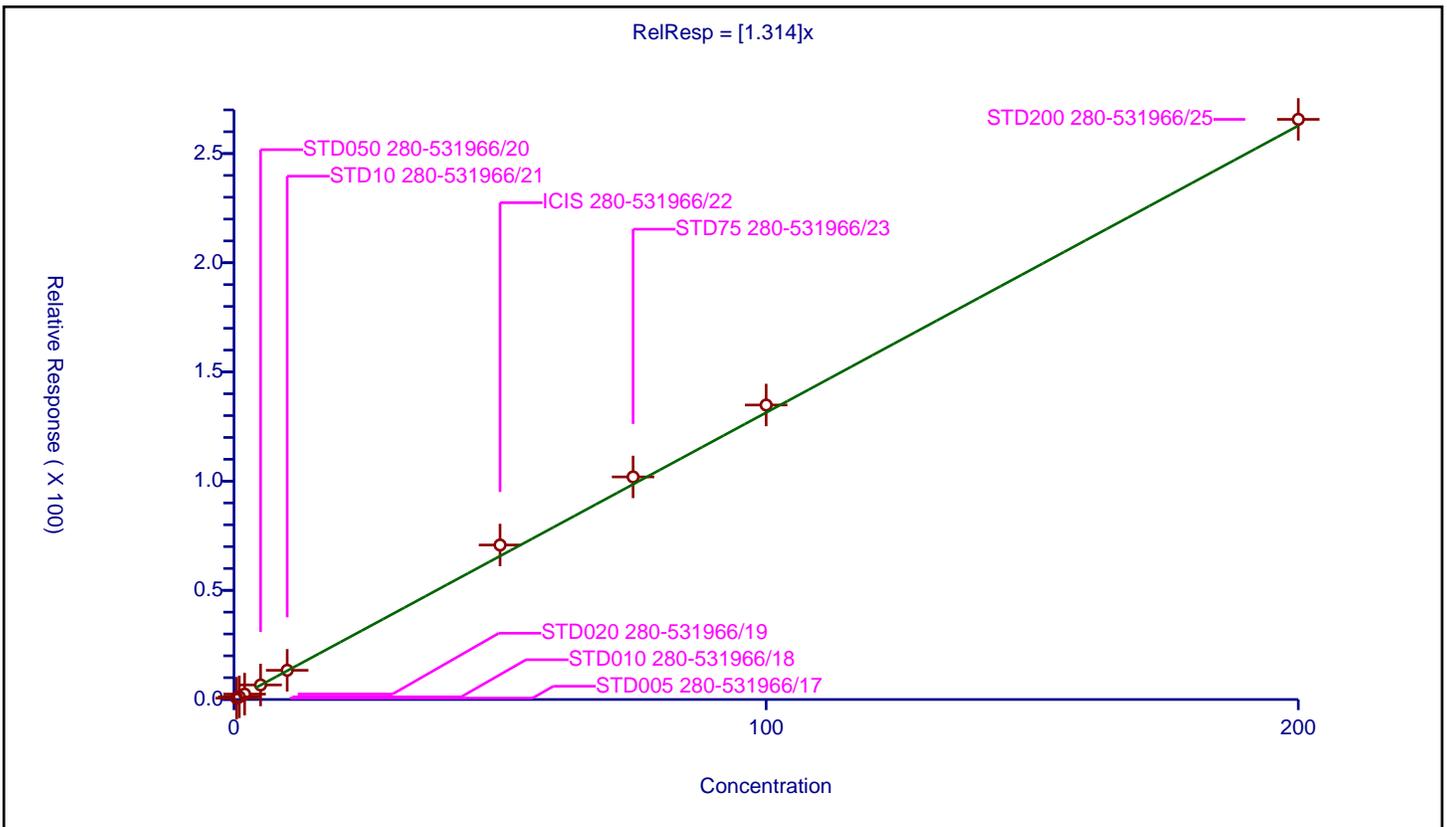
/ o-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.314

Error Coefficients	
Standard Error:	526000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.629239	50.0	213353.0	1.258478	Y
2	STD010 280-531966/18	1.0	1.207205	50.0	215125.0	1.207205	Y
3	STD020 280-531966/19	2.0	2.475189	50.0	212206.0	1.237595	Y
4	STD050 280-531966/20	5.0	6.664638	50.0	221835.0	1.332928	Y
5	STD10 280-531966/21	10.0	13.371373	50.0	220385.0	1.337137	Y
6	ICIS 280-531966/22	50.0	70.752117	50.0	218756.0	1.415042	Y
7	STD75 280-531966/23	75.0	101.931957	50.0	225005.0	1.359093	Y
8	STD100 280-531966/24	100.0	134.851148	50.0	233252.0	1.348511	Y
9	STD200 280-531966/25	200.0	265.659248	50.0	231400.0	1.328296	Y



Calibration

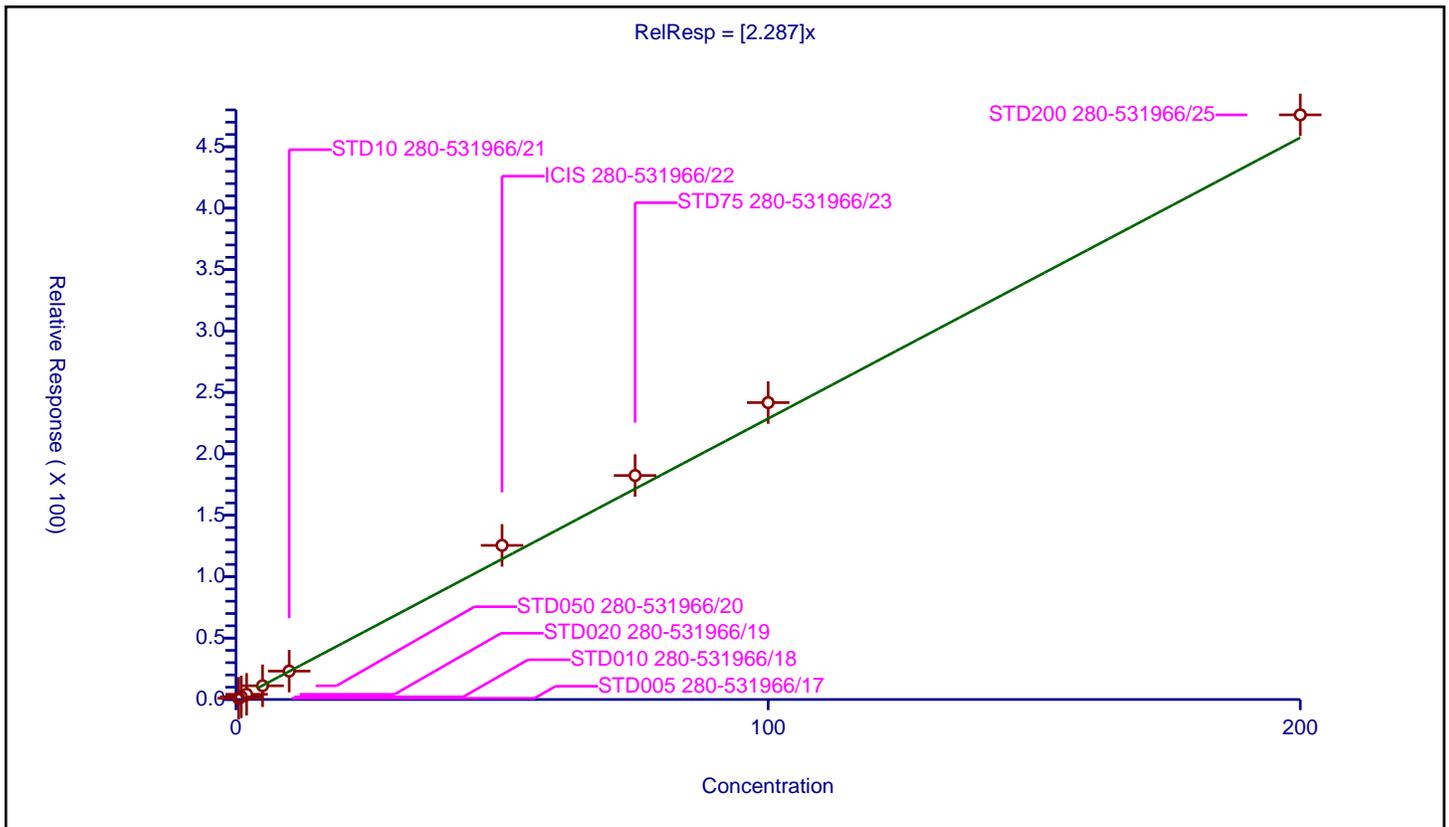
/ Styrene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.287

Error Coefficients	
Standard Error:	943000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	1.011938	50.0	213353.0	2.023876	Y
2	STD010 280-531966/18	1.0	2.155723	50.0	215125.0	2.155723	Y
3	STD020 280-531966/19	2.0	4.242576	50.0	212206.0	2.121288	Y
4	STD050 280-531966/20	5.0	11.166407	50.0	221835.0	2.233281	Y
5	STD10 280-531966/21	10.0	23.102298	50.0	220385.0	2.31023	Y
6	ICIS 280-531966/22	50.0	125.478615	50.0	218756.0	2.509572	Y
7	STD75 280-531966/23	75.0	182.344392	50.0	225005.0	2.431259	Y
8	STD100 280-531966/24	100.0	241.718399	50.0	233252.0	2.417184	Y
9	STD200 280-531966/25	200.0	475.960458	50.0	231400.0	2.379802	Y



Calibration

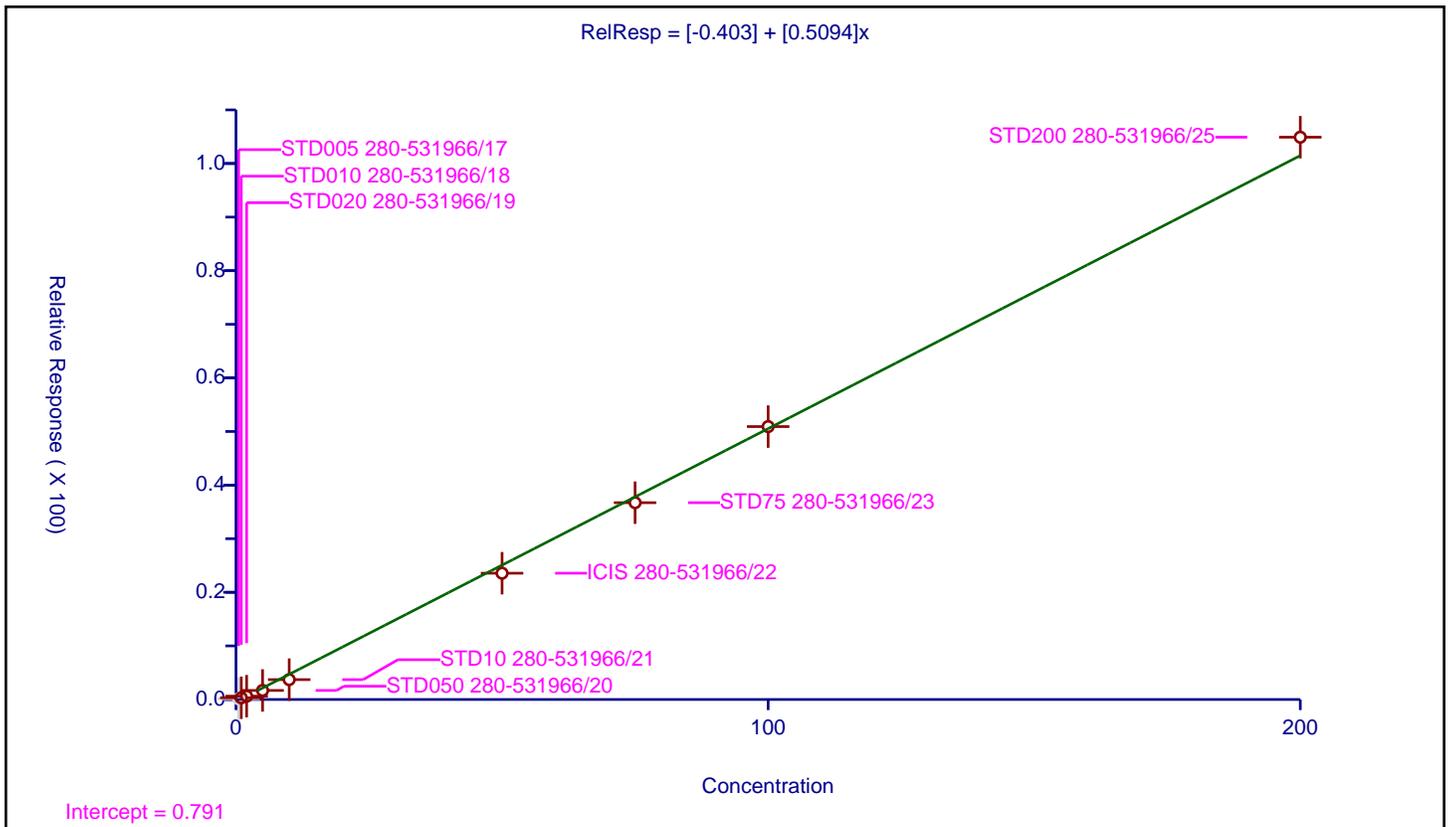
/ Bromoform

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.403
Slope:	0.5094

Error Coefficients	
Standard Error:	235000
Relative Standard Error:	20.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.127723	50.0	213353.0	0.255445	N
2	STD010 280-531966/18	1.0	0.317955	50.0	215125.0	0.317955	Y
3	STD020 280-531966/19	2.0	0.618738	50.0	212206.0	0.309369	Y
4	STD050 280-531966/20	5.0	1.688192	50.0	221835.0	0.337638	Y
5	STD10 280-531966/21	10.0	3.707603	50.0	220385.0	0.37076	Y
6	ICIS 280-531966/22	50.0	23.558211	50.0	218756.0	0.471164	Y
7	STD75 280-531966/23	75.0	36.717851	50.0	225005.0	0.489571	Y
8	STD100 280-531966/24	100.0	50.916176	50.0	233252.0	0.509162	Y
9	STD200 280-531966/25	200.0	104.905359	50.0	231400.0	0.524527	Y



Calibration

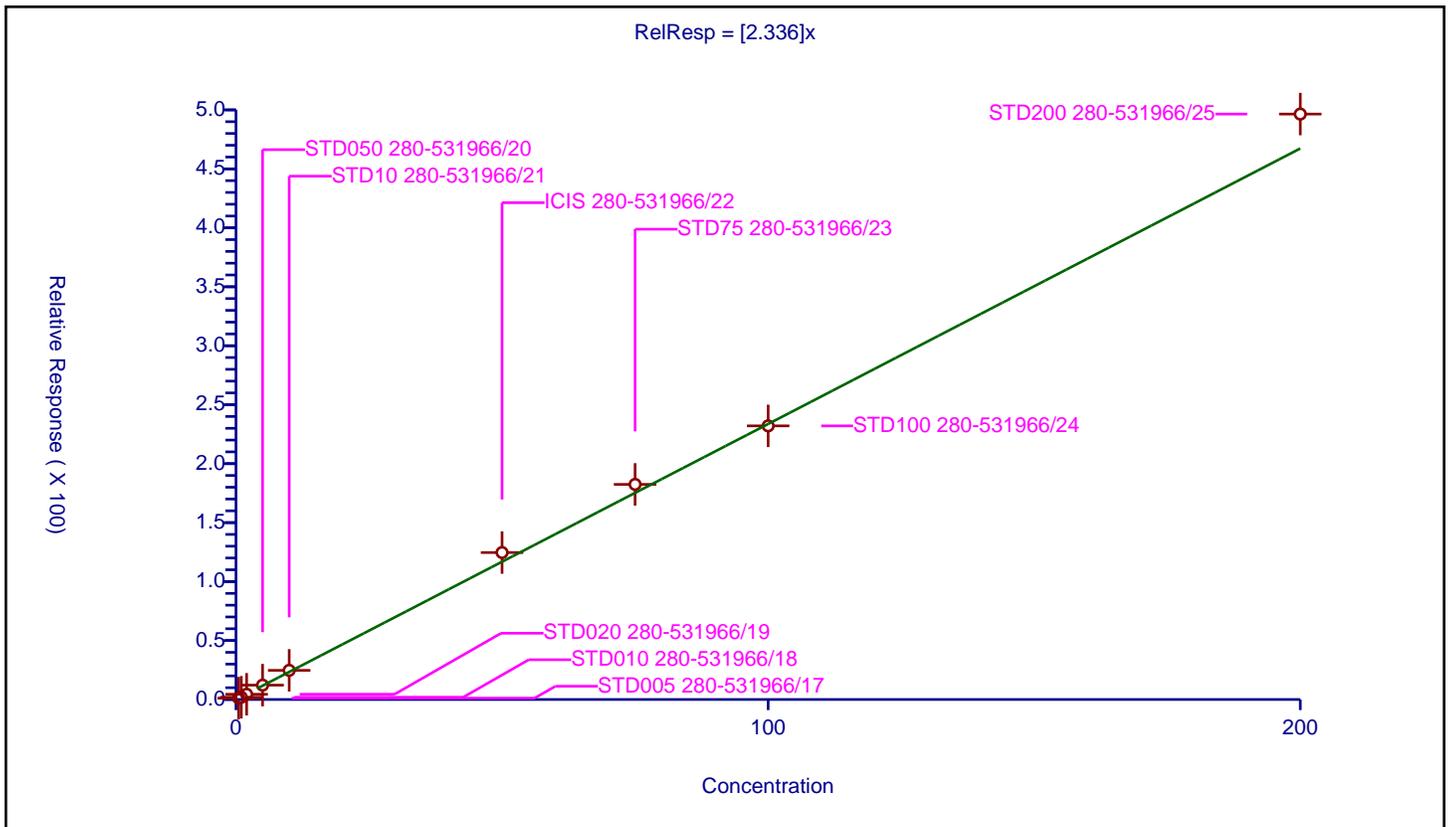
/ Isopropylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.336

Error Coefficients	
Standard Error:	1350000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	1.126573	50.0	299448.0	2.253146	Y
2	STD010 280-531966/18	1.0	1.921093	50.0	297539.0	1.921093	Y
3	STD020 280-531966/19	2.0	4.436779	50.0	300646.0	2.21839	Y
4	STD050 280-531966/20	5.0	12.170832	50.0	310784.0	2.434166	Y
5	STD10 280-531966/21	10.0	24.732301	50.0	312011.0	2.47323	Y
6	ICIS 280-531966/22	50.0	124.617343	50.0	321698.0	2.492347	Y
7	STD75 280-531966/23	75.0	182.419091	50.0	325333.0	2.432255	Y
8	STD100 280-531966/24	100.0	232.033475	50.0	342999.0	2.320335	Y
9	STD200 280-531966/25	200.0	496.462344	50.0	319152.0	2.482312	Y



Calibration

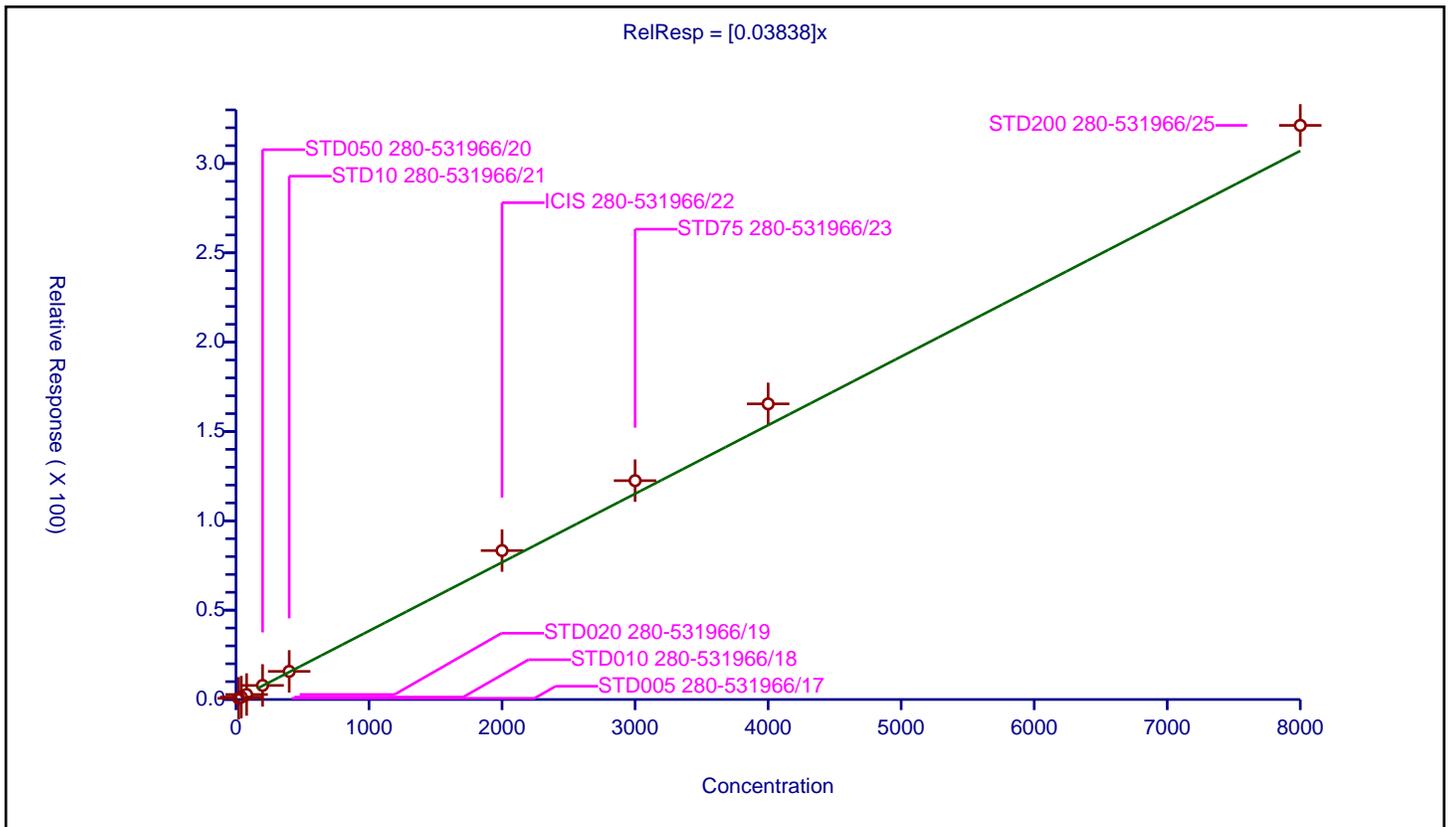
/ Cyclohexanone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03838

Error Coefficients	
Standard Error:	637000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	20.0	0.672829	50.0	213353.0	0.033641	Y
2	STD010 280-531966/18	40.0	1.364555	50.0	215125.0	0.034114	Y
3	STD020 280-531966/19	80.0	2.793276	50.0	212206.0	0.034916	Y
4	STD050 280-531966/20	200.0	7.87928	50.0	221835.0	0.039396	Y
5	STD10 280-531966/21	400.0	15.734056	50.0	220385.0	0.039335	Y
6	ICIS 280-531966/22	2000.0	83.345828	50.0	218756.0	0.041673	Y
7	STD75 280-531966/23	3000.0	122.486611	50.0	225005.0	0.040829	Y
8	STD100 280-531966/24	4000.0	165.459246	50.0	233252.0	0.041365	Y
9	STD200 280-531966/25	8000.0	321.339672	50.0	231400.0	0.040167	Y



**Calibration**

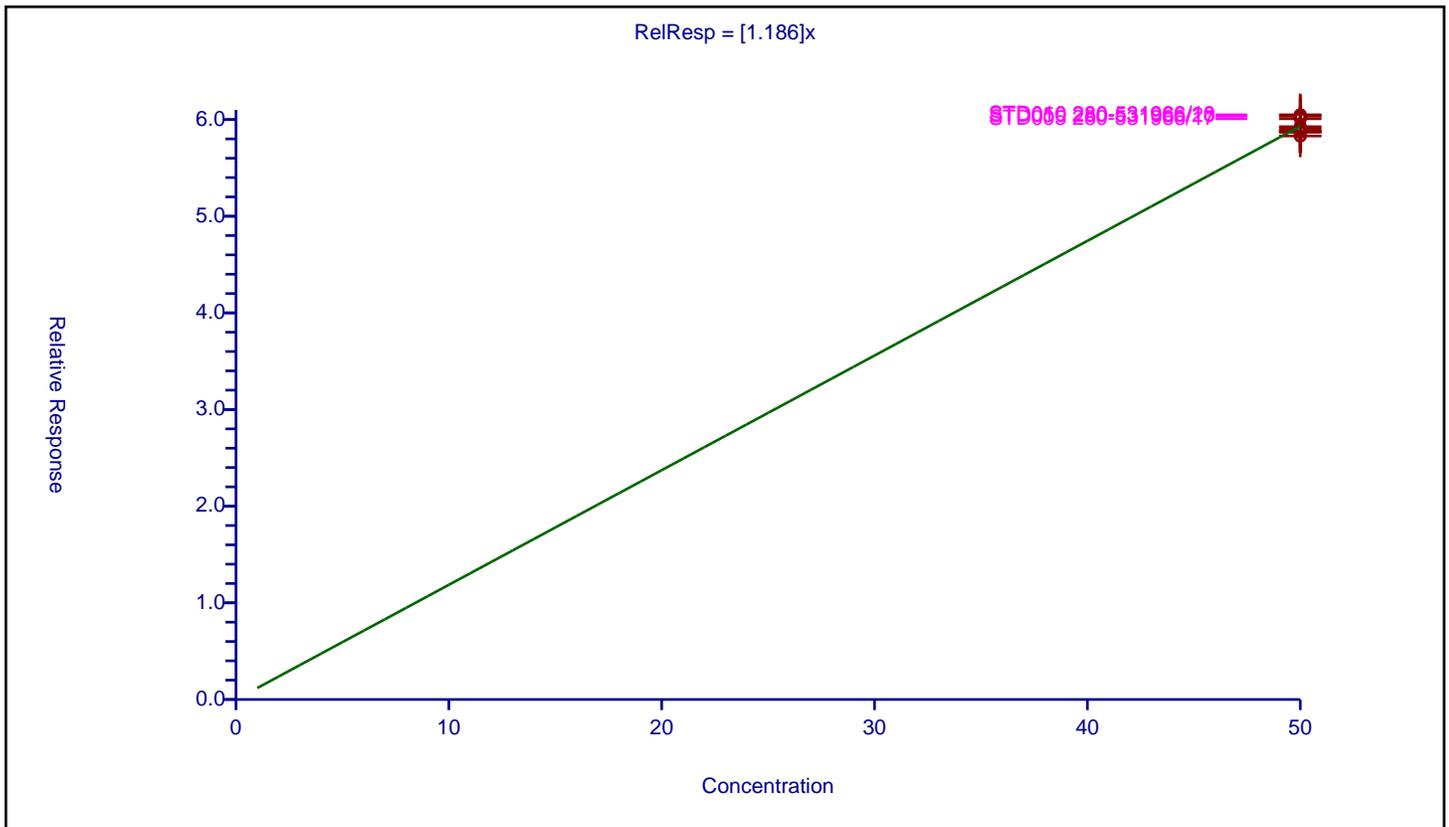
/ 4-Bromofluorobenzene (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.186

Error Coefficients	
Standard Error:	396000
Relative Standard Error:	1.3
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	50.0	60.083053	50.0	299448.0	1.201661	Y
2	STD010 280-531966/18	50.0	60.495431	50.0	297539.0	1.209909	Y
3	STD020 280-531966/19	50.0	59.263054	50.0	300646.0	1.185261	Y
4	STD050 280-531966/20	50.0	60.353171	50.0	310784.0	1.207063	Y
5	STD10 280-531966/21	50.0	58.684149	50.0	312011.0	1.173683	Y
6	ICIS 280-531966/22	50.0	58.781839	50.0	321698.0	1.175637	Y
7	STD75 280-531966/23	50.0	58.7913	50.0	325333.0	1.175826	Y
8	STD100 280-531966/24	50.0	58.299733	50.0	342999.0	1.165995	Y
9	STD200 280-531966/25	50.0	59.04522	50.0	319152.0	1.180904	Y



Calibration

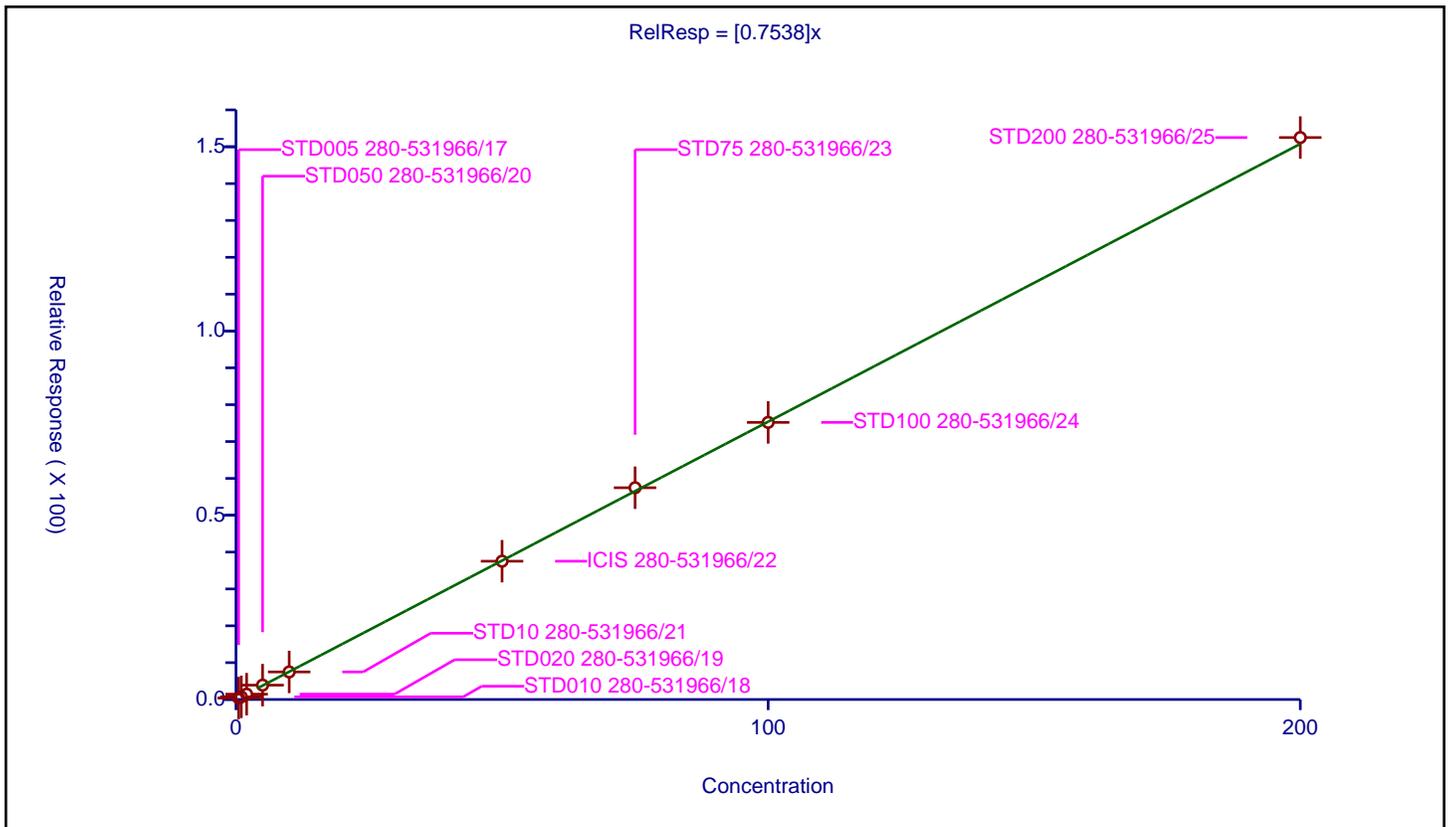
/ 1,1,2,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7538

Error Coefficients	
Standard Error:	420000
Relative Standard Error:	2.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.390218	50.0	299448.0	0.780436	Y
2	STD010 280-531966/18	1.0	0.722594	50.0	297539.0	0.722594	Y
3	STD020 280-531966/19	2.0	1.446552	50.0	300646.0	0.723276	Y
4	STD050 280-531966/20	5.0	3.894827	50.0	310784.0	0.778965	Y
5	STD10 280-531966/21	10.0	7.482429	50.0	312011.0	0.748243	Y
6	ICIS 280-531966/22	50.0	37.524635	50.0	321698.0	0.750493	Y
7	STD75 280-531966/23	75.0	57.463737	50.0	325333.0	0.766183	Y
8	STD100 280-531966/24	100.0	75.198324	50.0	342999.0	0.751983	Y
9	STD200 280-531966/25	200.0	152.495206	50.0	319152.0	0.762476	Y



**Calibration**

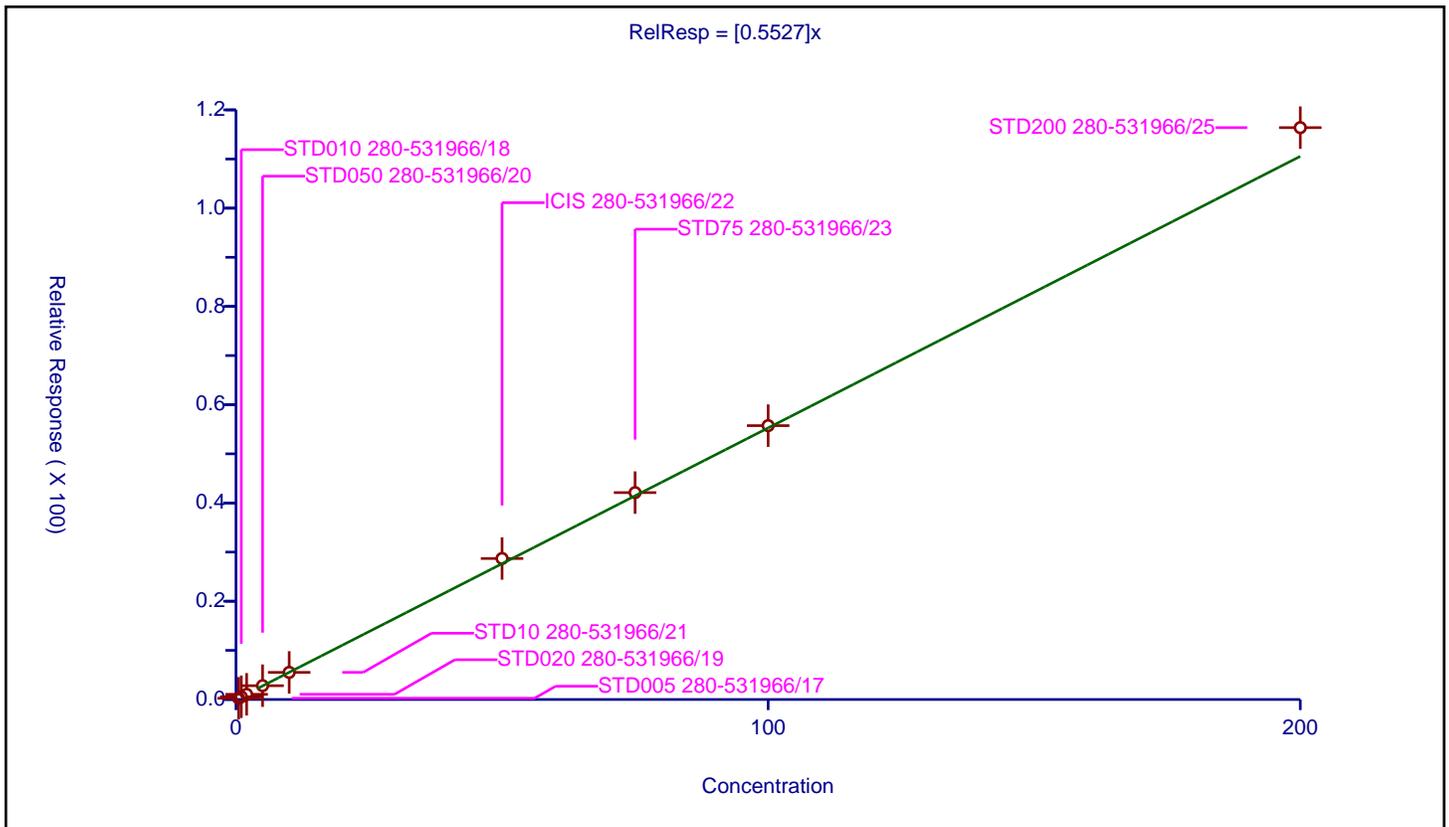
**/ Bromobenzene**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5527

Error Coefficients	
Standard Error:	318000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.250294	50.0	299448.0	0.500588	Y
2	STD010 280-531966/18	1.0	0.558918	50.0	297539.0	0.558918	Y
3	STD020 280-531966/19	2.0	1.053897	50.0	300646.0	0.526949	Y
4	STD050 280-531966/20	5.0	2.809186	50.0	310784.0	0.561837	Y
5	STD10 280-531966/21	10.0	5.516152	50.0	312011.0	0.551615	Y
6	ICIS 280-531966/22	50.0	28.696168	50.0	321698.0	0.573923	Y
7	STD75 280-531966/23	75.0	42.106703	50.0	325333.0	0.561423	Y
8	STD100 280-531966/24	100.0	55.739375	50.0	342999.0	0.557394	Y
9	STD200 280-531966/25	200.0	116.387333	50.0	319152.0	0.581937	Y



Calibration

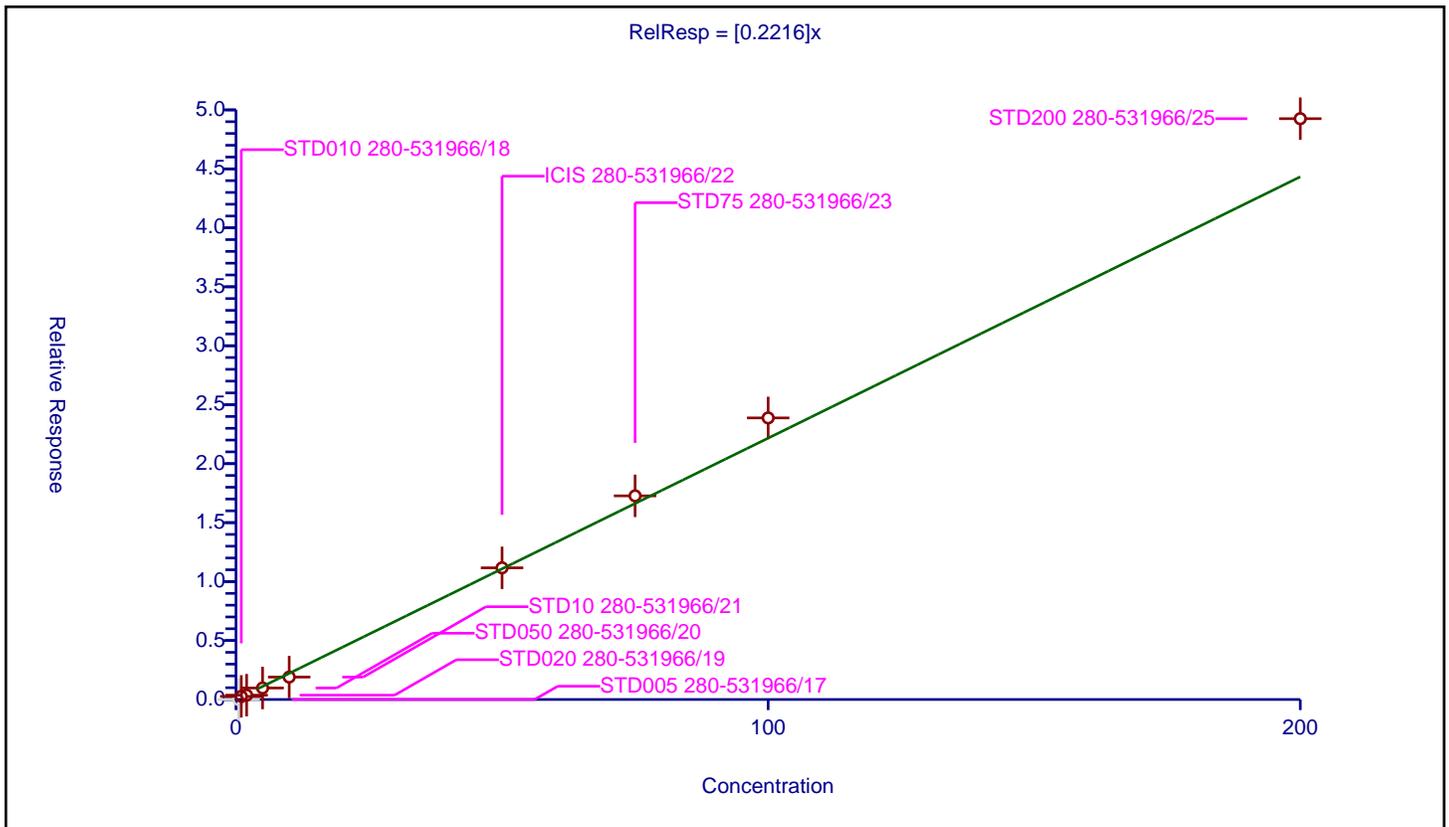
/ trans-1,4-Dichloro-2-butene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2216

Error Coefficients	
Standard Error:	143000
Relative Standard Error:	13.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.0	50.0	299448.0	0.0	N
2	STD010 280-531966/18	1.0	0.265007	50.0	297539.0	0.265007	Y
3	STD020 280-531966/19	2.0	0.36854	50.0	300646.0	0.18427	Y
4	STD050 280-531966/20	5.0	0.974954	50.0	310784.0	0.194991	Y
5	STD10 280-531966/21	10.0	1.901536	50.0	312011.0	0.190154	Y
6	ICIS 280-531966/22	50.0	11.165441	50.0	321698.0	0.223309	Y
7	STD75 280-531966/23	75.0	17.268921	50.0	325333.0	0.230252	Y
8	STD100 280-531966/24	100.0	23.877621	50.0	342999.0	0.238776	Y
9	STD200 280-531966/25	200.0	49.256467	50.0	319152.0	0.246282	Y



Calibration

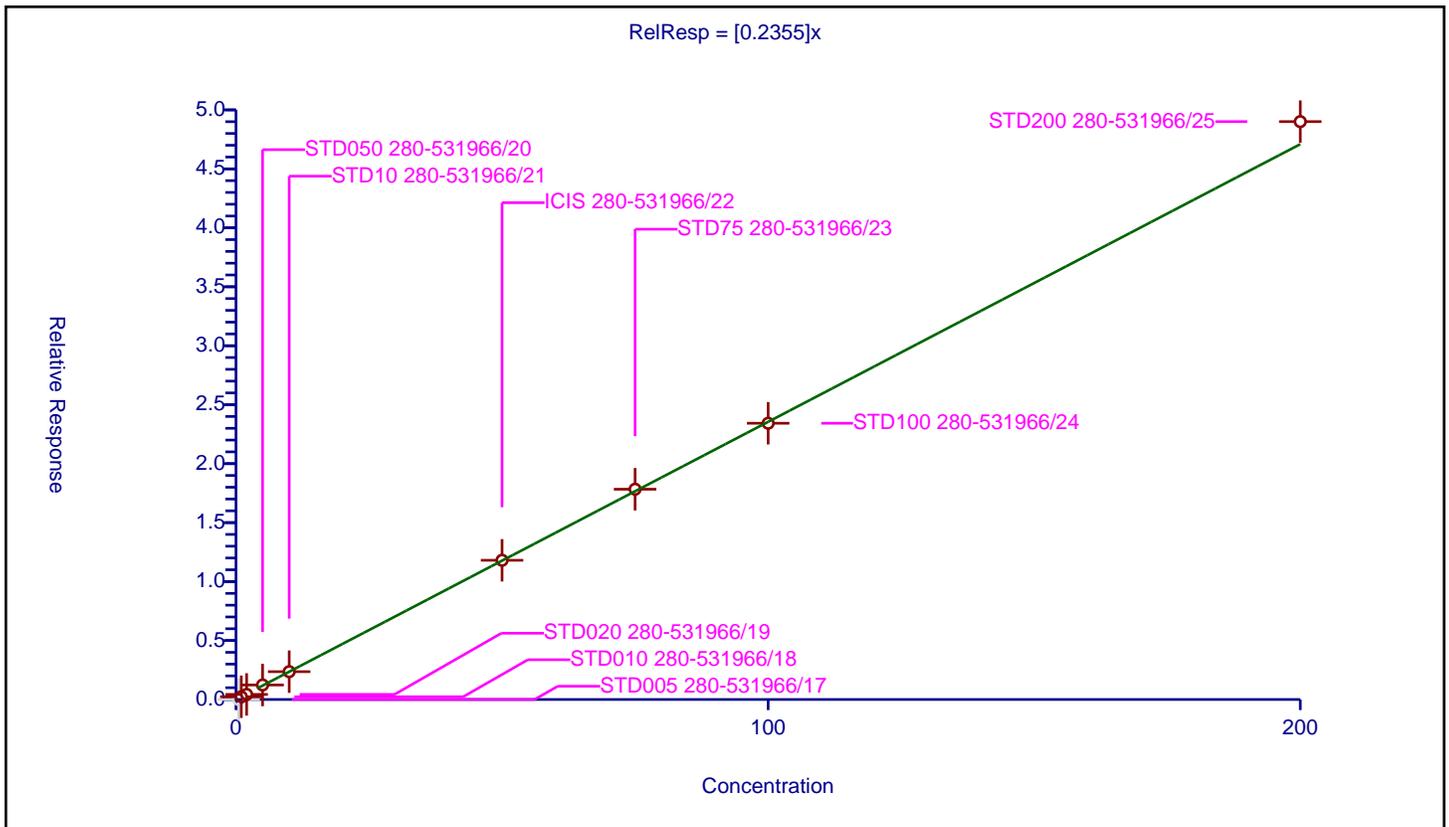
/ 1,2,3-Trichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2355

Error Coefficients	
Standard Error:	143000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.0	50.0	299448.0	0.0	N
2	STD010 280-531966/18	1.0	0.233415	50.0	297539.0	0.233415	Y
3	STD020 280-531966/19	2.0	0.429908	50.0	300646.0	0.214954	Y
4	STD050 280-531966/20	5.0	1.230276	50.0	310784.0	0.246055	Y
5	STD10 280-531966/21	10.0	2.360333	50.0	312011.0	0.236033	Y
6	ICIS 280-531966/22	50.0	11.805793	50.0	321698.0	0.236116	Y
7	STD75 280-531966/23	75.0	17.833266	50.0	325333.0	0.237777	Y
8	STD100 280-531966/24	100.0	23.426307	50.0	342999.0	0.234263	Y
9	STD200 280-531966/25	200.0	49.005176	50.0	319152.0	0.245026	Y



Calibration

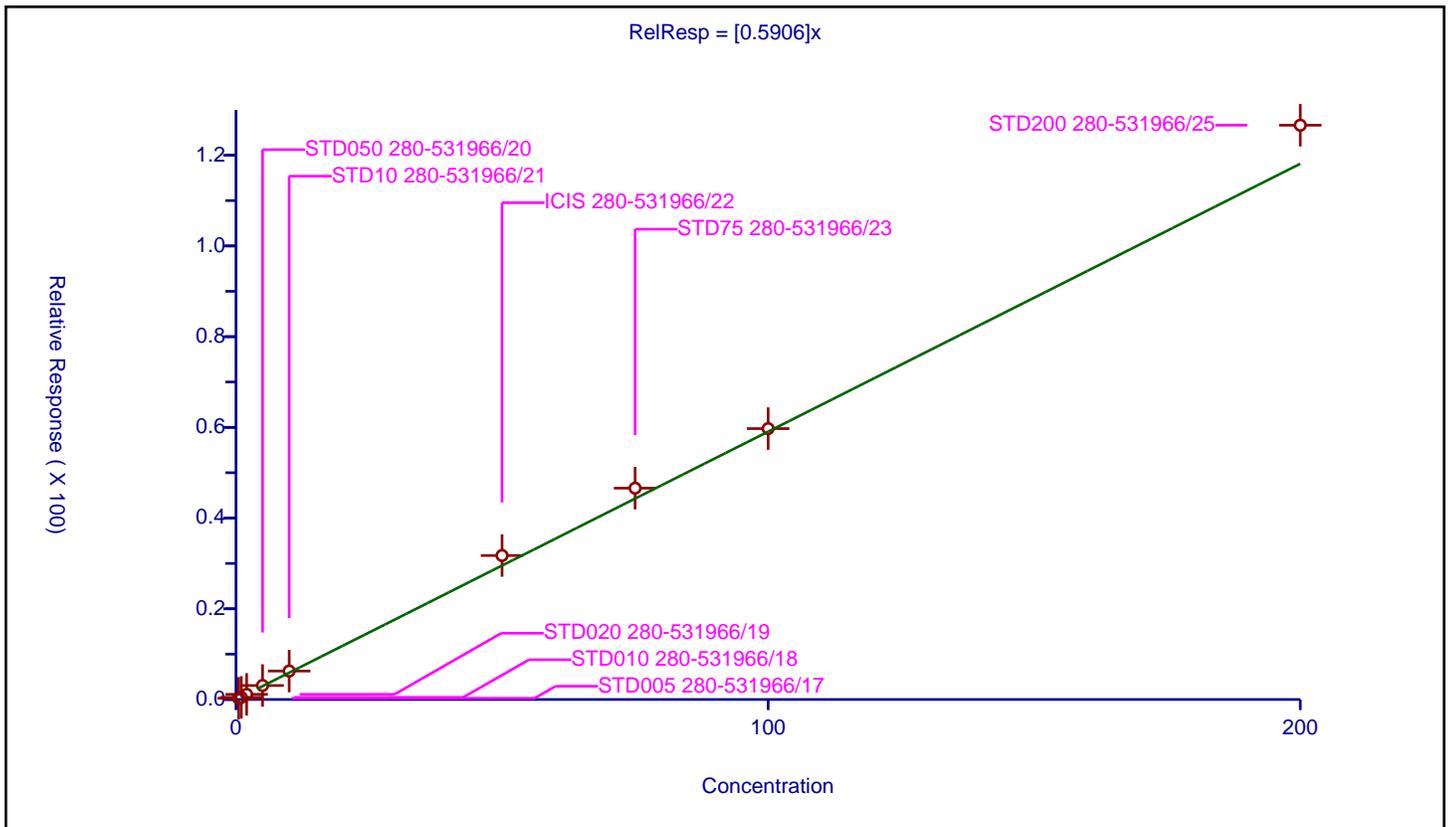
/ N-Propylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5906

Error Coefficients	
Standard Error:	346000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.273169	50.0	299448.0	0.546339	Y
2	STD010 280-531966/18	1.0	0.46935	50.0	297539.0	0.46935	Y
3	STD020 280-531966/19	2.0	1.136386	50.0	300646.0	0.568193	Y
4	STD050 280-531966/20	5.0	3.086388	50.0	310784.0	0.617278	Y
5	STD10 280-531966/21	10.0	6.278144	50.0	312011.0	0.627814	Y
6	ICIS 280-531966/22	50.0	31.743592	50.0	321698.0	0.634872	Y
7	STD75 280-531966/23	75.0	46.594874	50.0	325333.0	0.621265	Y
8	STD100 280-531966/24	100.0	59.727142	50.0	342999.0	0.597271	Y
9	STD200 280-531966/25	200.0	126.622894	50.0	319152.0	0.633114	Y



**Calibration**

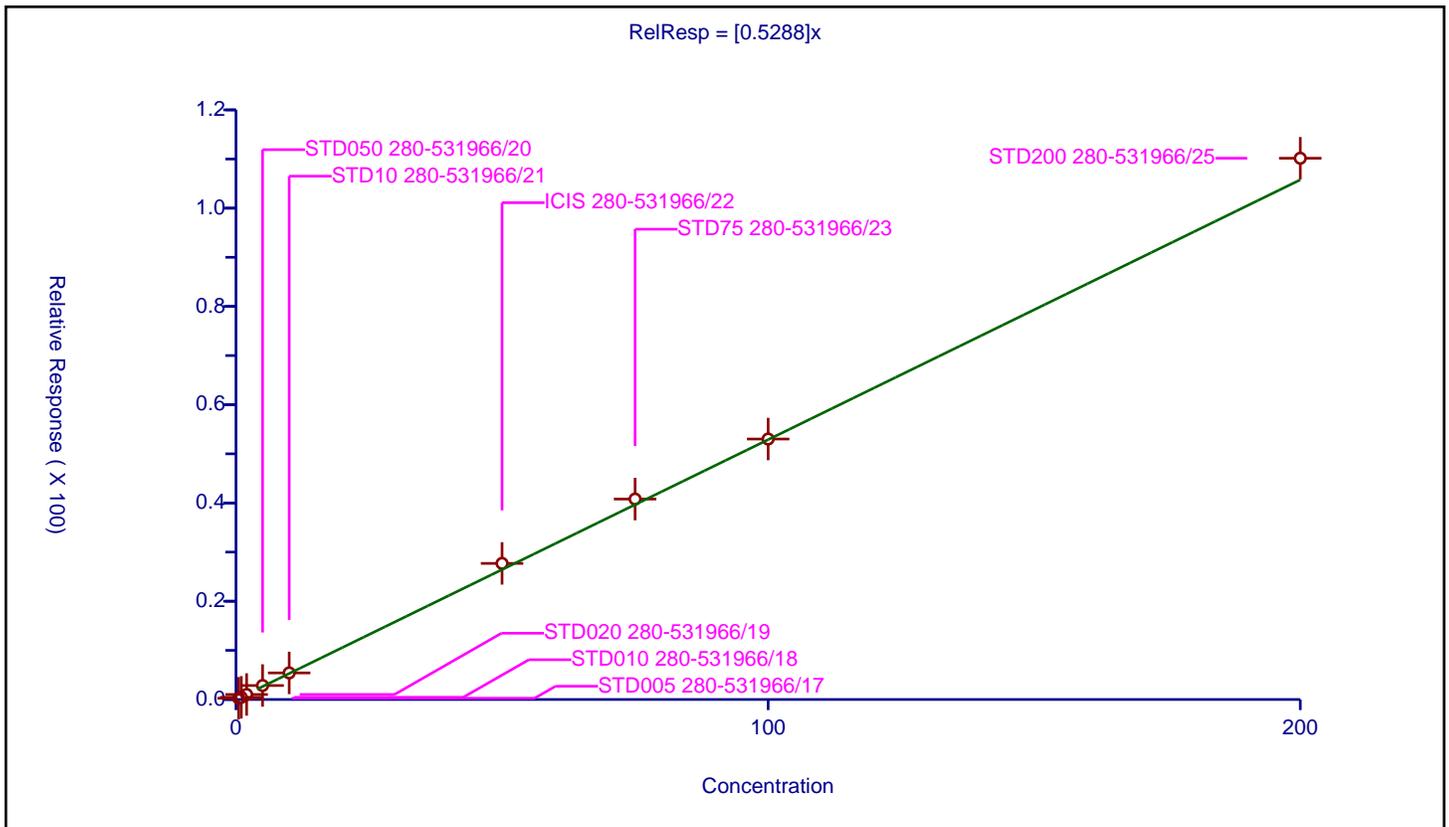
**/ 2-Chlorotoluene**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
<b>Intercept:</b>	0
<b>Slope:</b>	0.5288

Error Coefficients	
<b>Standard Error:</b>	302000
<b>Relative Standard Error:</b>	6.9
<b>Correlation Coefficient:</b>	1.000
<b>Coefficient of Determination (Adjusted):</b>	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.257307	50.0	299448.0	0.514614	Y
2	STD010 280-531966/18	1.0	0.444816	50.0	297539.0	0.444816	Y
3	STD020 280-531966/19	2.0	1.021966	50.0	300646.0	0.510983	Y
4	STD050 280-531966/20	5.0	2.845545	50.0	310784.0	0.569109	Y
5	STD10 280-531966/21	10.0	5.411668	50.0	312011.0	0.541167	Y
6	ICIS 280-531966/22	50.0	27.696939	50.0	321698.0	0.553939	Y
7	STD75 280-531966/23	75.0	40.796353	50.0	325333.0	0.543951	Y
8	STD100 280-531966/24	100.0	53.015169	50.0	342999.0	0.530152	Y
9	STD200 280-531966/25	200.0	110.161459	50.0	319152.0	0.550807	Y



Calibration

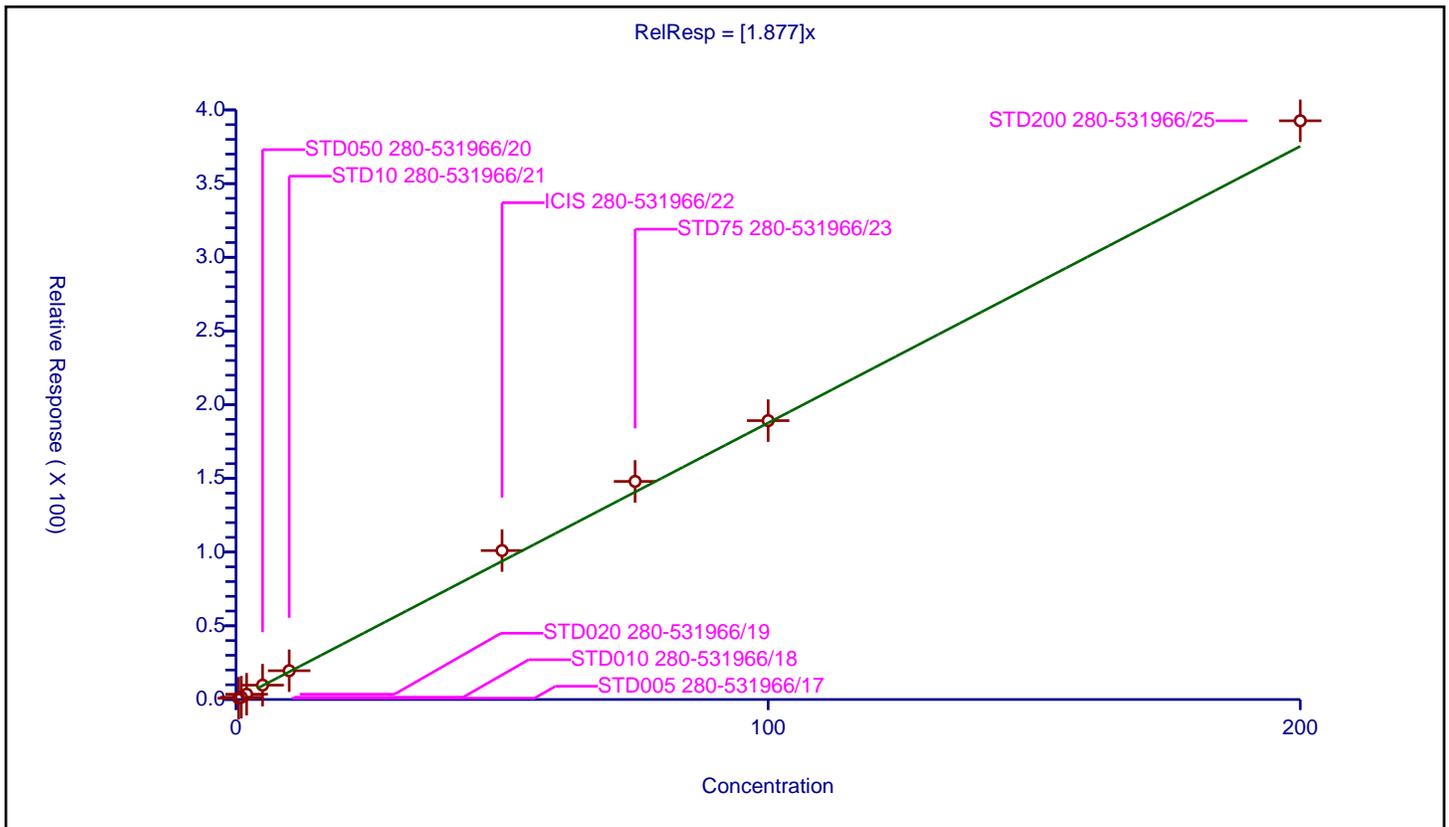
/ 1,3,5-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.877

Error Coefficients	
Standard Error:	1080000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.881455	50.0	299448.0	1.76291	Y
2	STD010 280-531966/18	1.0	1.580465	50.0	297539.0	1.580465	Y
3	STD020 280-531966/19	2.0	3.592764	50.0	300646.0	1.796382	Y
4	STD050 280-531966/20	5.0	9.74471	50.0	310784.0	1.948942	Y
5	STD10 280-531966/21	10.0	19.522068	50.0	312011.0	1.952207	Y
6	ICIS 280-531966/22	50.0	101.036997	50.0	321698.0	2.02074	Y
7	STD75 280-531966/23	75.0	147.962088	50.0	325333.0	1.972828	Y
8	STD100 280-531966/24	100.0	189.185537	50.0	342999.0	1.891855	Y
9	STD200 280-531966/25	200.0	392.609008	50.0	319152.0	1.963045	Y



**Calibration**

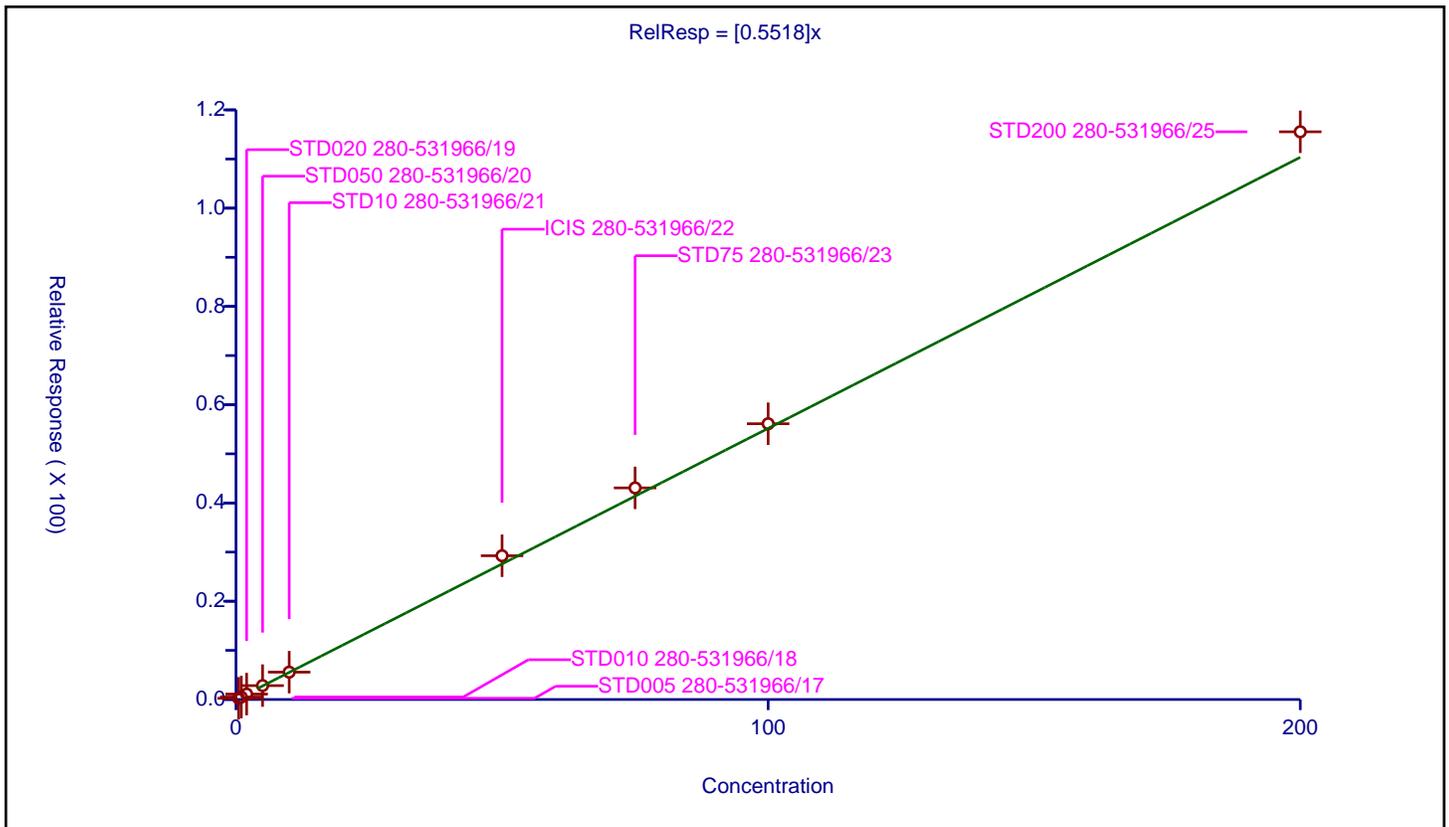
**/ 4-Chlorotoluene**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5518

Error Coefficients	
Standard Error:	318000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.244283	50.0	299448.0	0.488566	Y
2	STD010 280-531966/18	1.0	0.504136	50.0	297539.0	0.504136	Y
3	STD020 280-531966/19	2.0	1.105952	50.0	300646.0	0.552976	Y
4	STD050 280-531966/20	5.0	2.82447	50.0	310784.0	0.564894	Y
5	STD10 280-531966/21	10.0	5.568714	50.0	312011.0	0.556871	Y
6	ICIS 280-531966/22	50.0	29.257409	50.0	321698.0	0.585148	Y
7	STD75 280-531966/23	75.0	43.065567	50.0	325333.0	0.574208	Y
8	STD100 280-531966/24	100.0	56.123925	50.0	342999.0	0.561239	Y
9	STD200 280-531966/25	200.0	115.542594	50.0	319152.0	0.577713	Y



Calibration

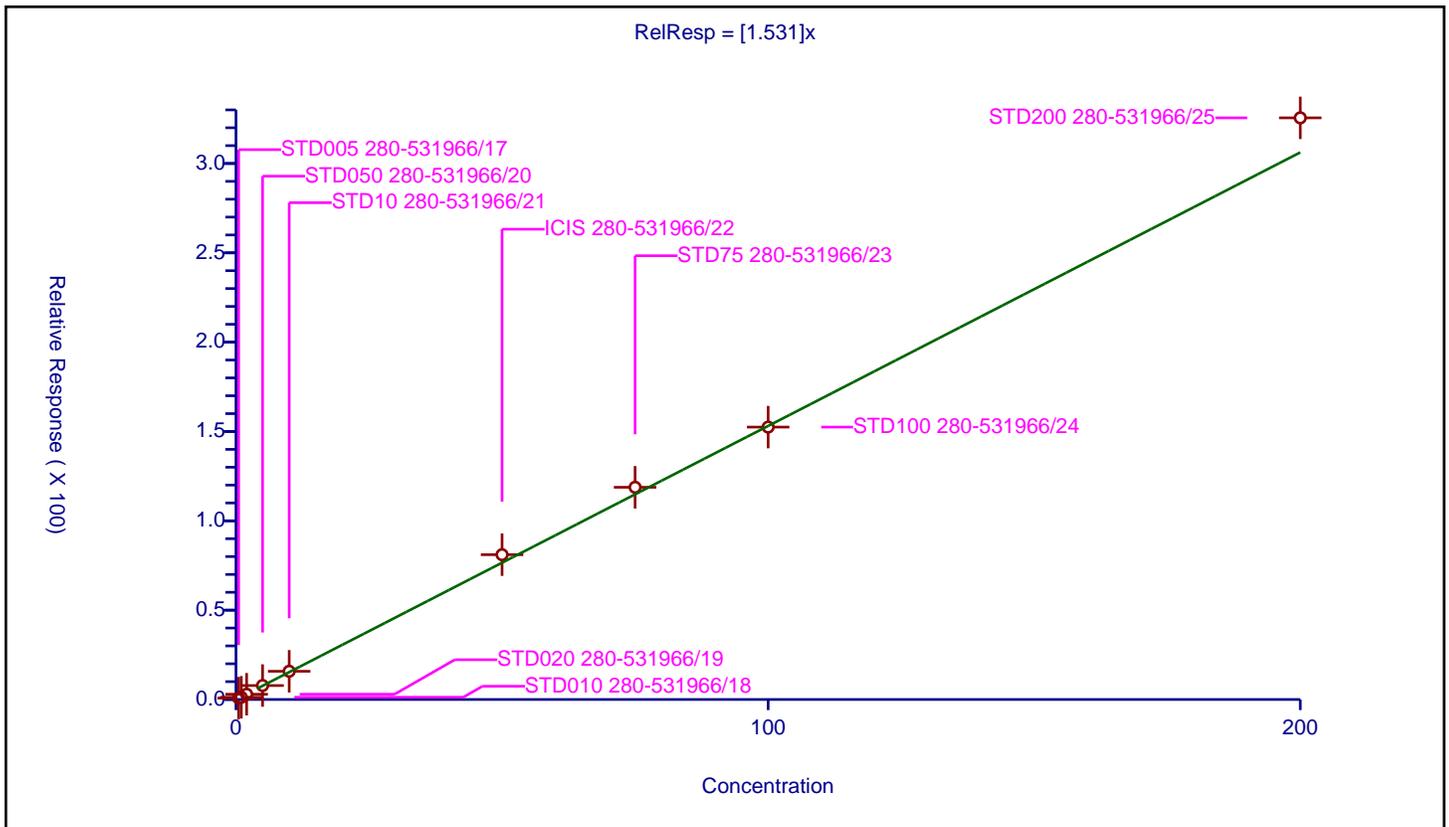
/ tert-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.531

Error Coefficients	
Standard Error:	887000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.773256	50.0	299448.0	1.546512	Y
2	STD010 280-531966/18	1.0	1.256642	50.0	297539.0	1.256642	Y
3	STD020 280-531966/19	2.0	2.949316	50.0	300646.0	1.474658	Y
4	STD050 280-531966/20	5.0	7.819901	50.0	310784.0	1.56398	Y
5	STD10 280-531966/21	10.0	15.802327	50.0	312011.0	1.580233	Y
6	ICIS 280-531966/22	50.0	81.047597	50.0	321698.0	1.620952	Y
7	STD75 280-531966/23	75.0	118.771228	50.0	325333.0	1.583616	Y
8	STD100 280-531966/24	100.0	152.466042	50.0	342999.0	1.52466	Y
9	STD200 280-531966/25	200.0	325.544411	50.0	319152.0	1.627722	Y



**Calibration**

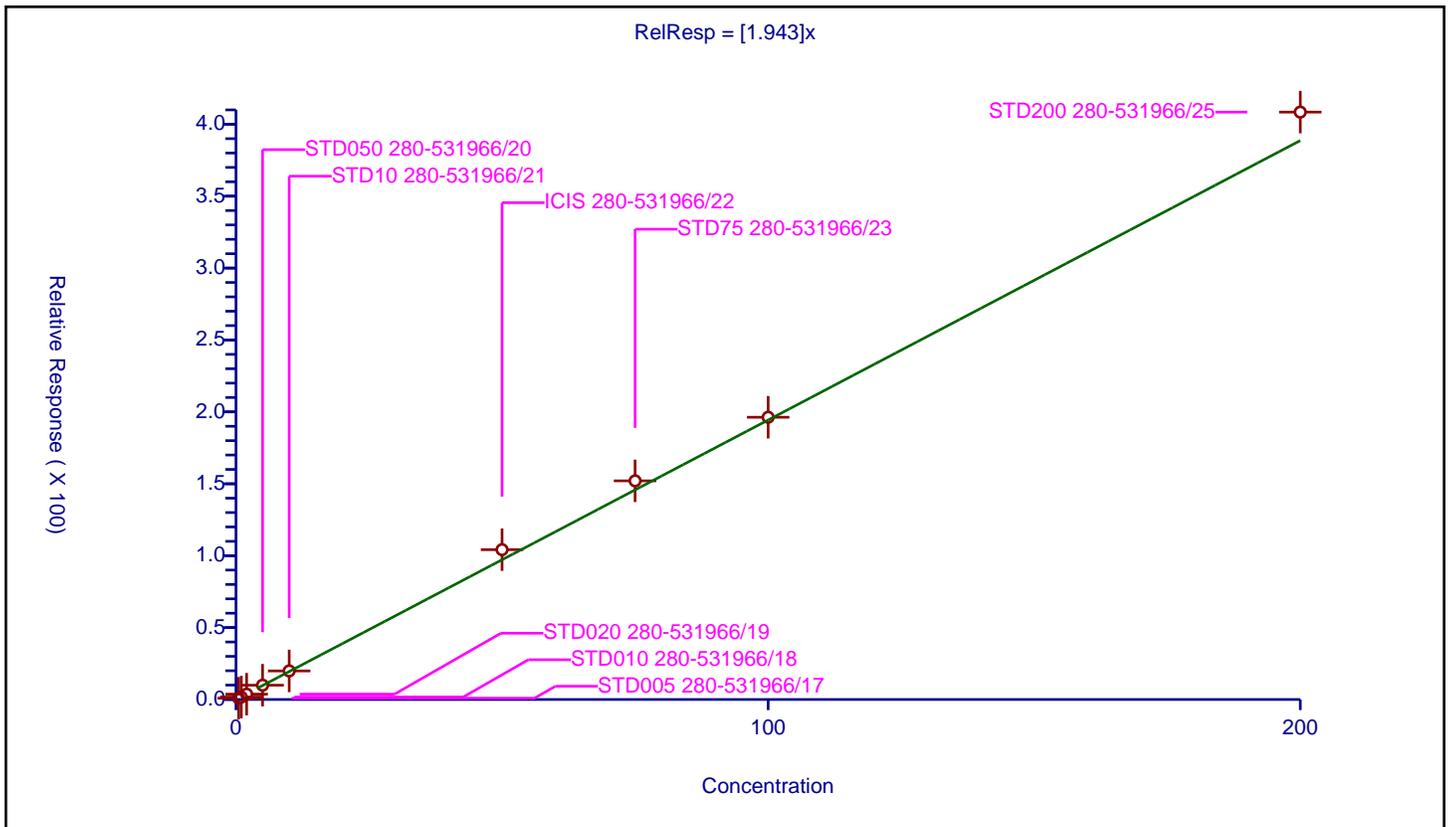
/ 1,2,4-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.943

Error Coefficients	
Standard Error:	1120000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.913848	50.0	299448.0	1.827696	Y
2	STD010 280-531966/18	1.0	1.714229	50.0	297539.0	1.714229	Y
3	STD020 280-531966/19	2.0	3.707683	50.0	300646.0	1.853841	Y
4	STD050 280-531966/20	5.0	9.954824	50.0	310784.0	1.990965	Y
5	STD10 280-531966/21	10.0	19.873979	50.0	312011.0	1.987398	Y
6	ICIS 280-531966/22	50.0	104.180474	50.0	321698.0	2.083609	Y
7	STD75 280-531966/23	75.0	152.0499	50.0	325333.0	2.027332	Y
8	STD100 280-531966/24	100.0	196.257278	50.0	342999.0	1.962573	Y
9	STD200 280-531966/25	200.0	408.478719	50.0	319152.0	2.042394	Y



Calibration

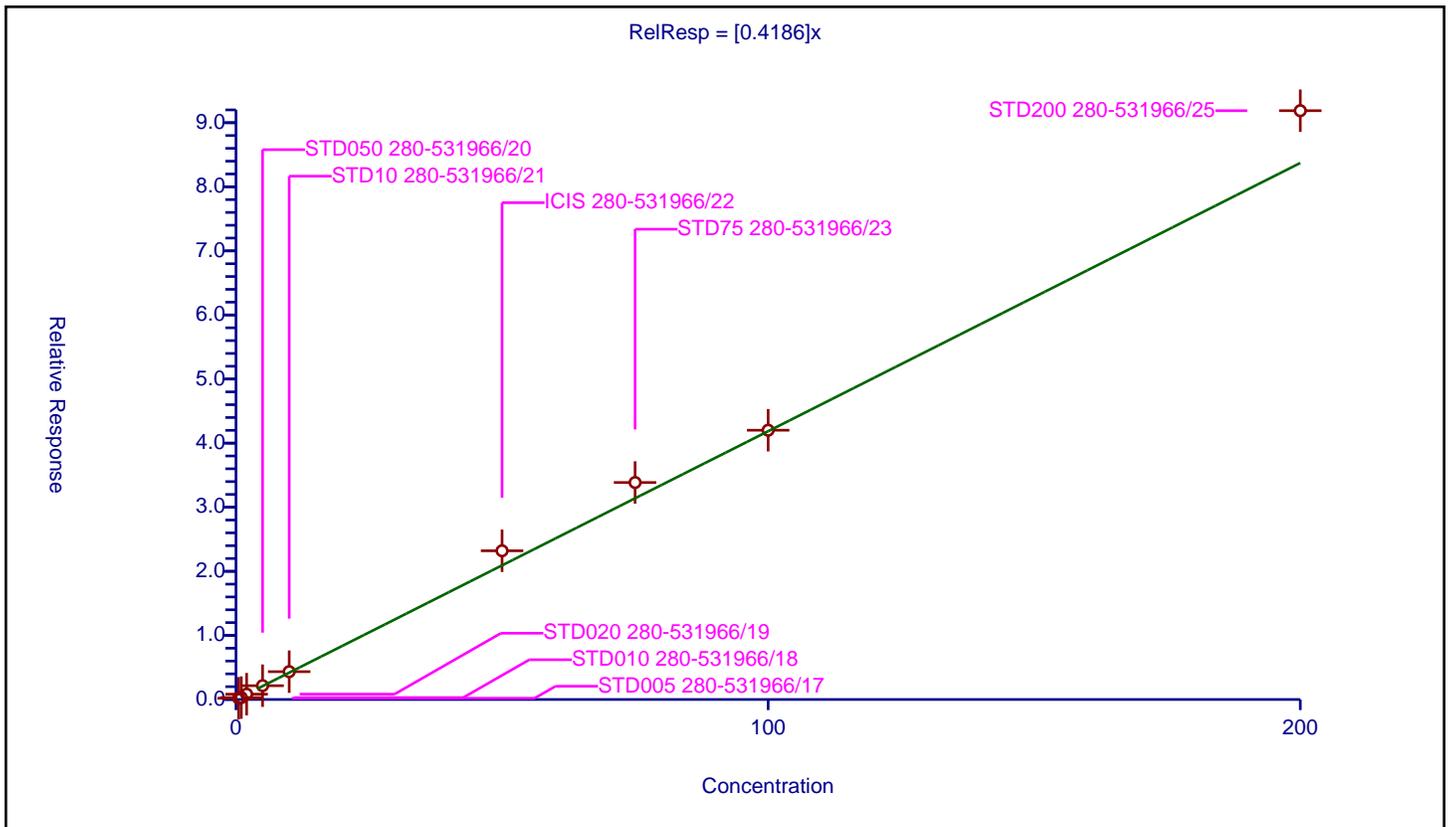
/ sec-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4186

Error Coefficients	
Standard Error:	250000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.19586	50.0	299448.0	0.391721	Y
2	STD010 280-531966/18	1.0	0.298952	50.0	297539.0	0.298952	Y
3	STD020 280-531966/19	2.0	0.833372	50.0	300646.0	0.416686	Y
4	STD050 280-531966/20	5.0	2.154068	50.0	310784.0	0.430814	Y
5	STD10 280-531966/21	10.0	4.340392	50.0	312011.0	0.434039	Y
6	ICIS 280-531966/22	50.0	23.20375	50.0	321698.0	0.464075	Y
7	STD75 280-531966/23	75.0	33.85608	50.0	325333.0	0.451414	Y
8	STD100 280-531966/24	100.0	42.018344	50.0	342999.0	0.420183	Y
9	STD200 280-531966/25	200.0	91.875971	50.0	319152.0	0.45938	Y



Calibration

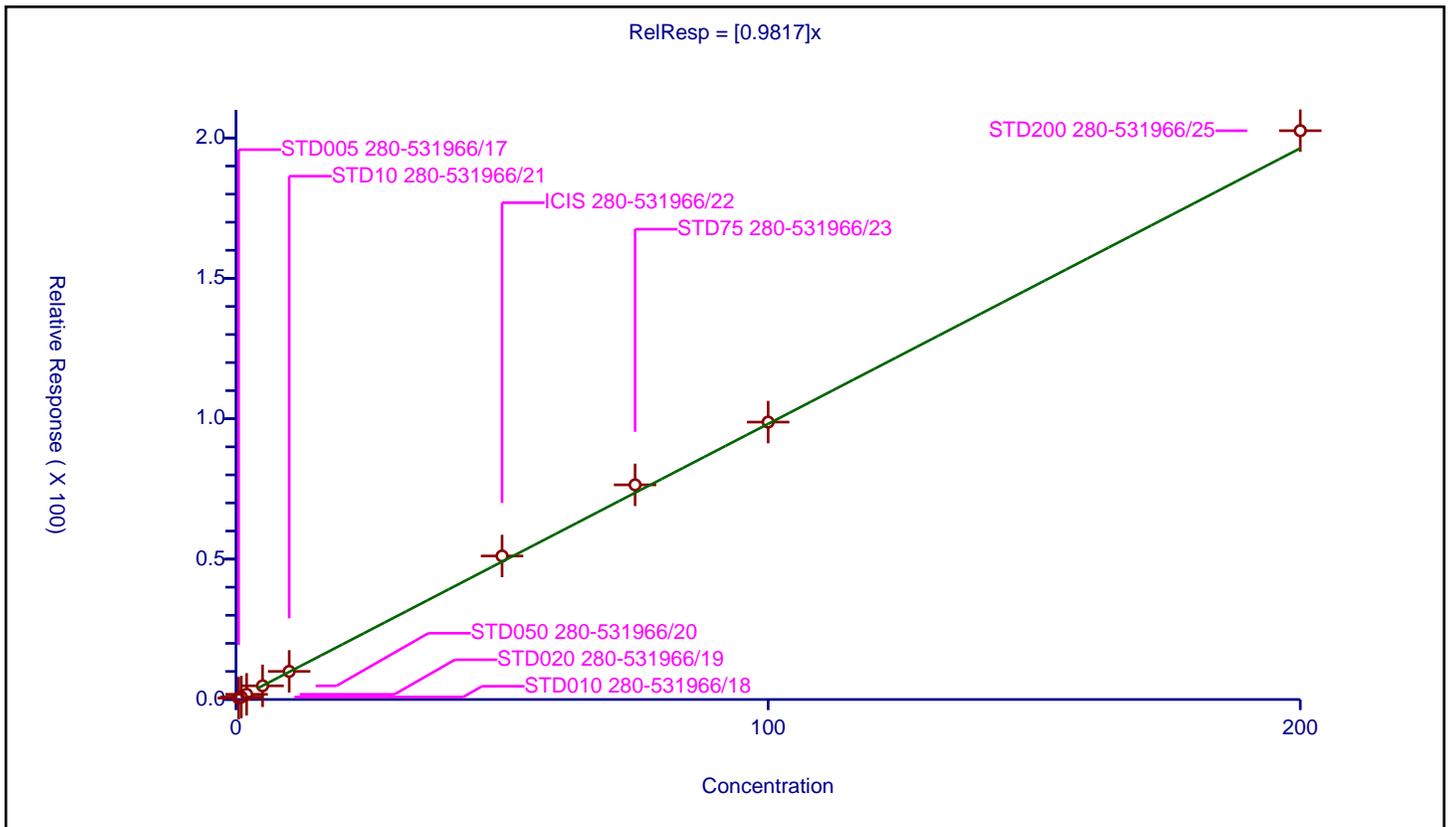
/ 1,3-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9817

Error Coefficients	
Standard Error:	558000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.504762	50.0	299448.0	1.009524	Y
2	STD010 280-531966/18	1.0	0.881901	50.0	297539.0	0.881901	Y
3	STD020 280-531966/19	2.0	1.850183	50.0	300646.0	0.925091	Y
4	STD050 280-531966/20	5.0	4.87139	50.0	310784.0	0.974278	Y
5	STD10 280-531966/21	10.0	10.017435	50.0	312011.0	1.001744	Y
6	ICIS 280-531966/22	50.0	51.116886	50.0	321698.0	1.022338	Y
7	STD75 280-531966/23	75.0	76.449668	50.0	325333.0	1.019329	Y
8	STD100 280-531966/24	100.0	98.809618	50.0	342999.0	0.988096	Y
9	STD200 280-531966/25	200.0	202.587012	50.0	319152.0	1.012935	Y



**Calibration**

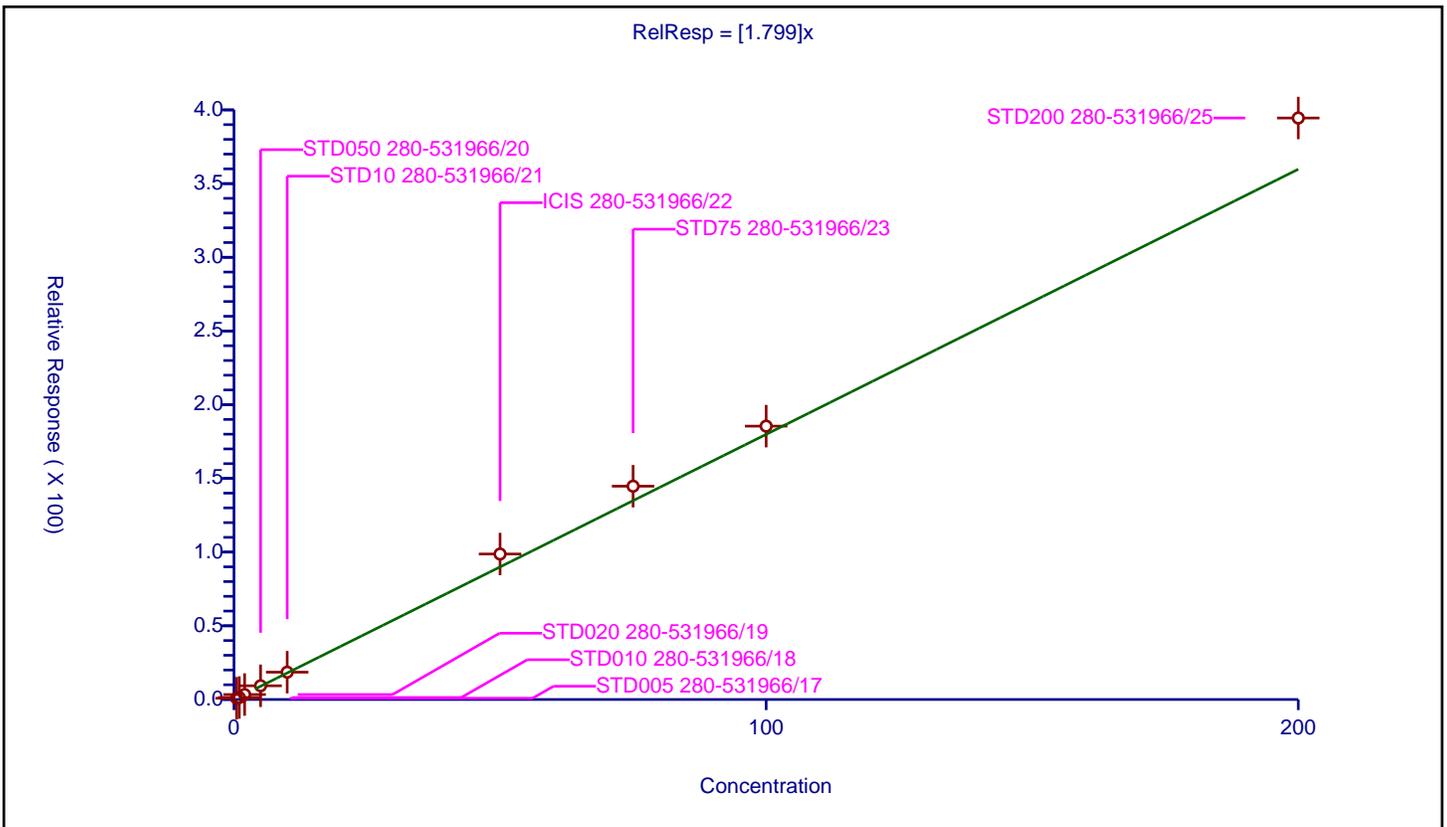
**/ 4-Isopropyltoluene**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.799

Error Coefficients	
Standard Error:	1080000
Relative Standard Error:	11.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.863088	50.0	299448.0	1.726176	Y
2	STD010 280-531966/18	1.0	1.331254	50.0	297539.0	1.331254	Y
3	STD020 280-531966/19	2.0	3.373569	50.0	300646.0	1.686784	Y
4	STD050 280-531966/20	5.0	9.304855	50.0	310784.0	1.860971	Y
5	STD10 280-531966/21	10.0	18.531398	50.0	312011.0	1.85314	Y
6	ICIS 280-531966/22	50.0	98.685879	50.0	321698.0	1.973718	Y
7	STD75 280-531966/23	75.0	144.699277	50.0	325333.0	1.929324	Y
8	STD100 280-531966/24	100.0	185.453019	50.0	342999.0	1.85453	Y
9	STD200 280-531966/25	200.0	394.501836	50.0	319152.0	1.972509	Y



**Calibration**

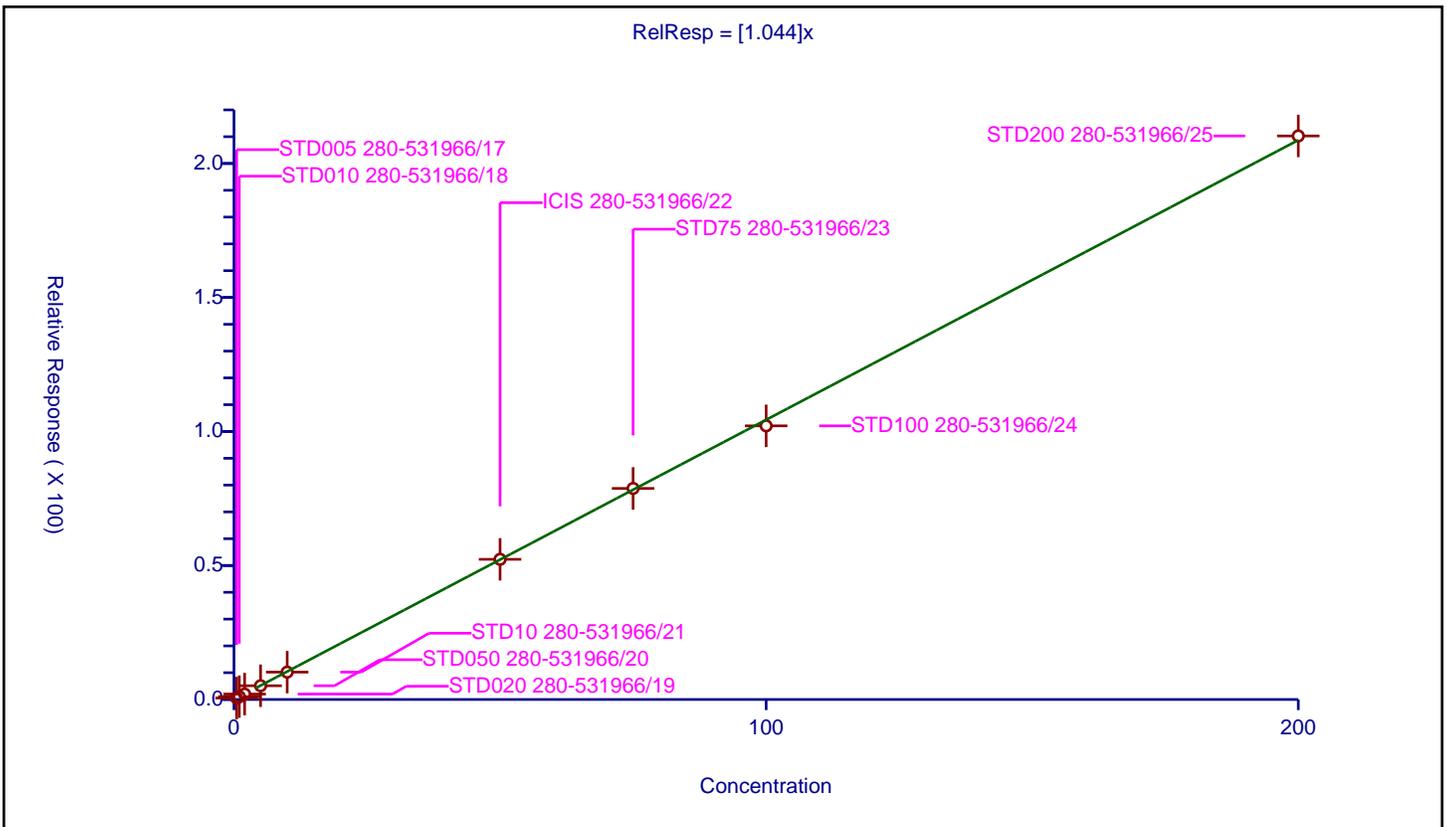
**/ 1,4-Dichlorobenzene**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.044

Error Coefficients	
Standard Error:	578000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.549511	50.0	299448.0	1.099022	Y
2	STD010 280-531966/18	1.0	1.063222	50.0	297539.0	1.063222	Y
3	STD020 280-531966/19	2.0	2.027966	50.0	300646.0	1.013983	Y
4	STD050 280-531966/20	5.0	5.129125	50.0	310784.0	1.025825	Y
5	STD10 280-531966/21	10.0	10.218069	50.0	312011.0	1.021807	Y
6	ICIS 280-531966/22	50.0	52.299983	50.0	321698.0	1.046	Y
7	STD75 280-531966/23	75.0	78.754691	50.0	325333.0	1.050063	Y
8	STD100 280-531966/24	100.0	102.107732	50.0	342999.0	1.021077	Y
9	STD200 280-531966/25	200.0	210.275668	50.0	319152.0	1.051378	Y



Calibration

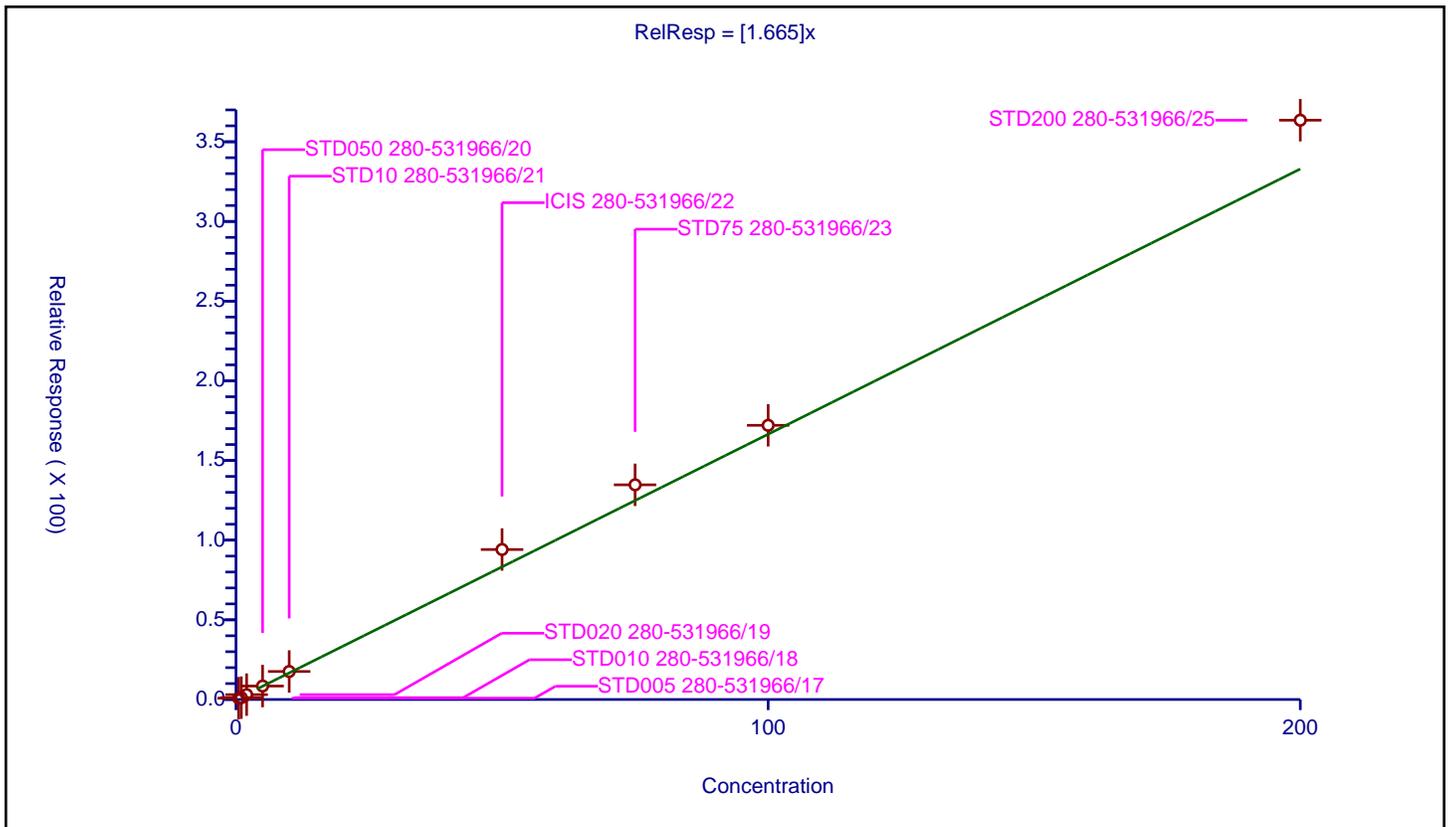
/ n-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.665

Error Coefficients	
Standard Error:	995000
Relative Standard Error:	13.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.820677	50.0	299448.0	1.641353	Y
2	STD010 280-531966/18	1.0	1.149429	50.0	297539.0	1.149429	Y
3	STD020 280-531966/19	2.0	3.054589	50.0	300646.0	1.527295	Y
4	STD050 280-531966/20	5.0	8.44799	50.0	310784.0	1.689598	Y
5	STD10 280-531966/21	10.0	17.574541	50.0	312011.0	1.757454	Y
6	ICIS 280-531966/22	50.0	94.127256	50.0	321698.0	1.882545	Y
7	STD75 280-531966/23	75.0	134.721347	50.0	325333.0	1.796285	Y
8	STD100 280-531966/24	100.0	172.052251	50.0	342999.0	1.720523	Y
9	STD200 280-531966/25	200.0	363.520674	50.0	319152.0	1.817603	Y



**Calibration**

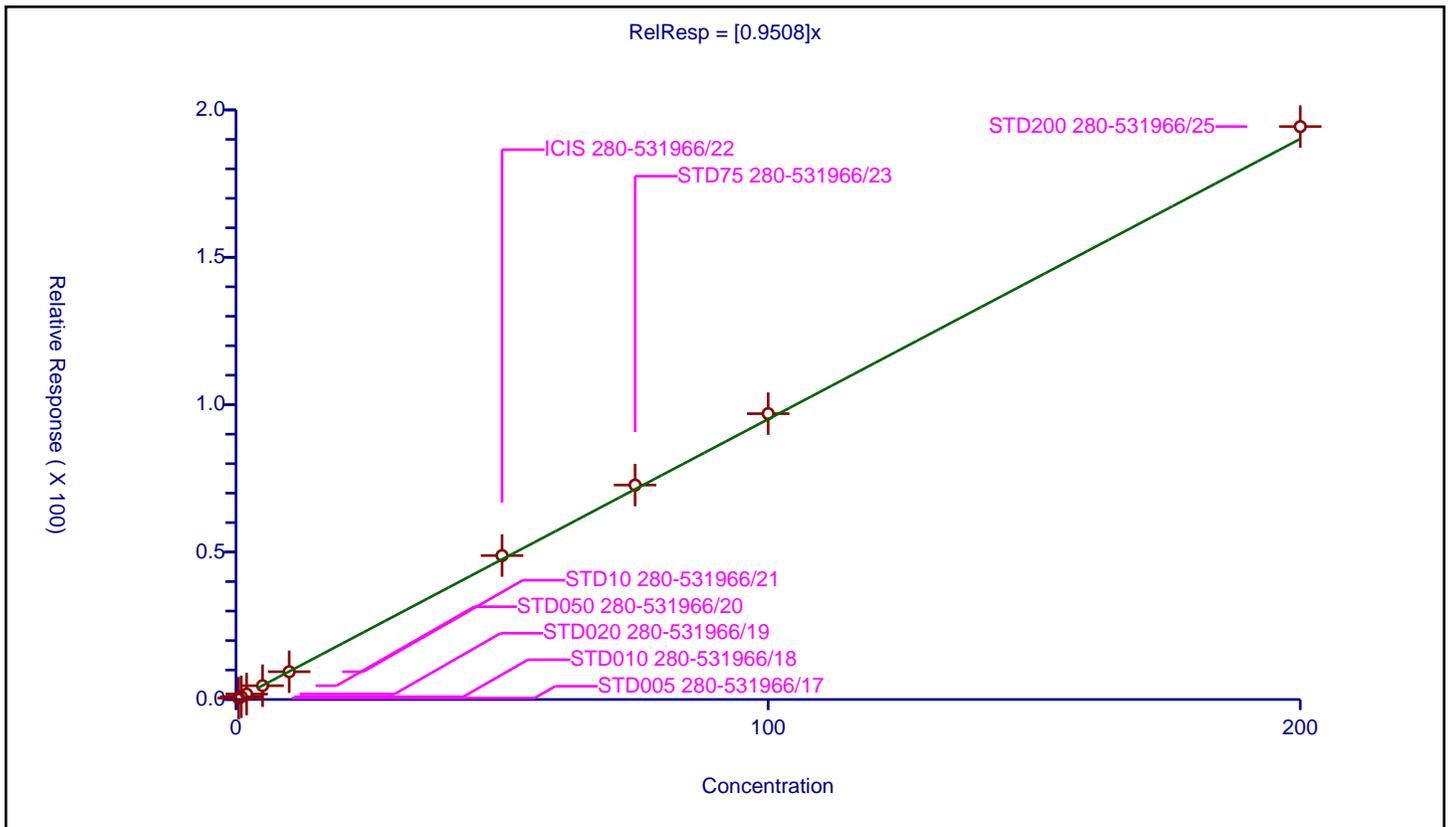
**/ 1,2-Dichlorobenzene**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
Intercept:	0
Slope:	0.9508

Error Coefficients	
Standard Error:	537000
Relative Standard Error:	2.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.473371	50.0	299448.0	0.946742	Y
2	STD010 280-531966/18	1.0	0.918367	50.0	297539.0	0.918367	Y
3	STD020 280-531966/19	2.0	1.851513	50.0	300646.0	0.925757	Y
4	STD050 280-531966/20	5.0	4.683639	50.0	310784.0	0.936728	Y
5	STD10 280-531966/21	10.0	9.420501	50.0	312011.0	0.94205	Y
6	ICIS 280-531966/22	50.0	48.821876	50.0	321698.0	0.976438	Y
7	STD75 280-531966/23	75.0	72.748538	50.0	325333.0	0.969981	Y
8	STD100 280-531966/24	100.0	96.958592	50.0	342999.0	0.969586	Y
9	STD200 280-531966/25	200.0	194.343761	50.0	319152.0	0.971719	Y



Calibration

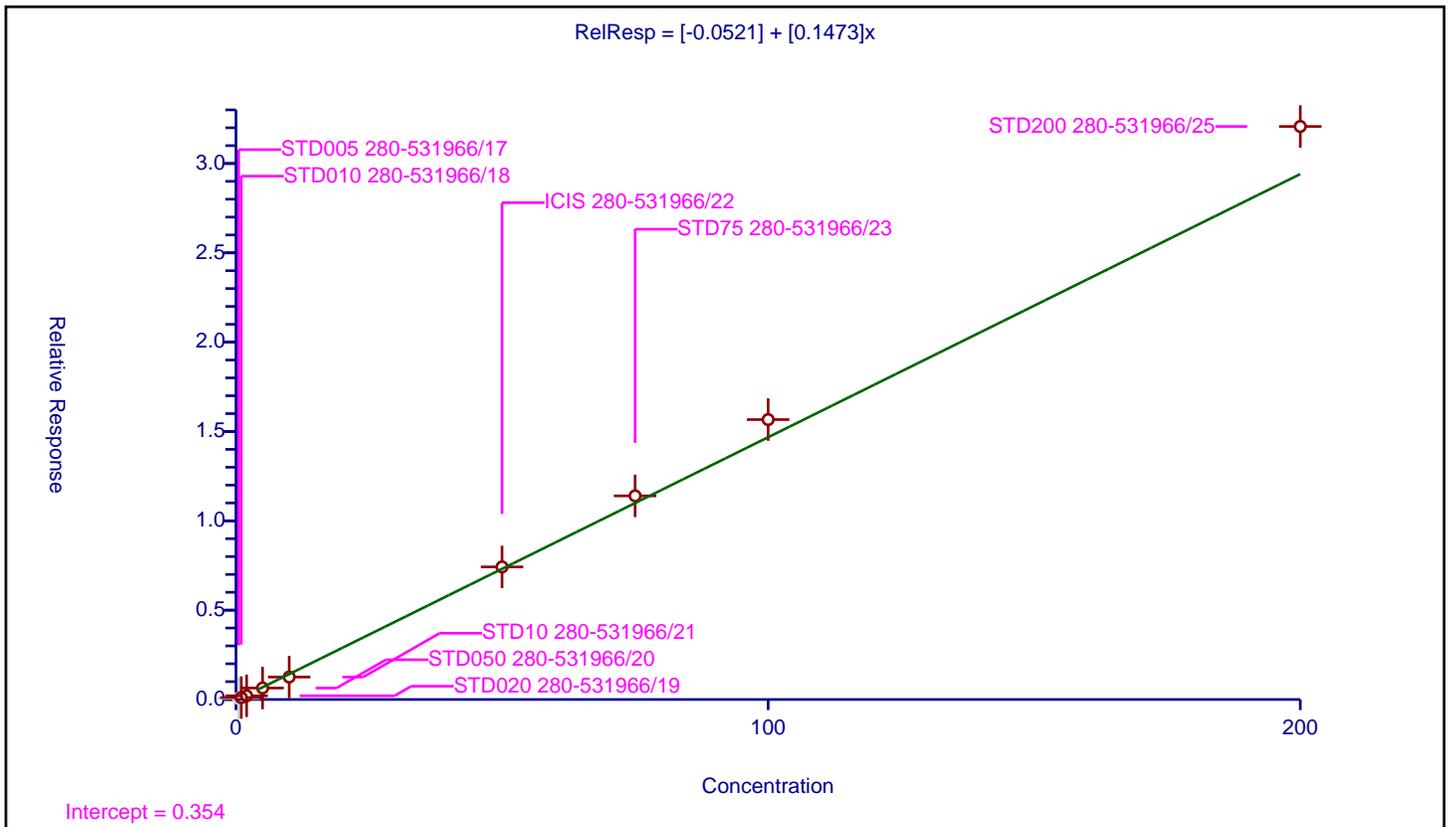
/ 1,2-Dibromo-3-Chloropropane

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.0521
Slope:	0.1473

Error Coefficients	
Standard Error:	101000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.064953	50.0	299448.0	0.129906	N
2	STD010 280-531966/18	1.0	0.107045	50.0	297539.0	0.107045	Y
3	STD020 280-531966/19	2.0	0.207387	50.0	300646.0	0.103693	Y
4	STD050 280-531966/20	5.0	0.641442	50.0	310784.0	0.128288	Y
5	STD10 280-531966/21	10.0	1.256526	50.0	312011.0	0.125653	Y
6	ICIS 280-531966/22	50.0	7.418759	50.0	321698.0	0.148375	Y
7	STD75 280-531966/23	75.0	11.396784	50.0	325333.0	0.151957	Y
8	STD100 280-531966/24	100.0	15.666955	50.0	342999.0	0.15667	Y
9	STD200 280-531966/25	200.0	32.072649	50.0	319152.0	0.160363	Y



**Calibration**

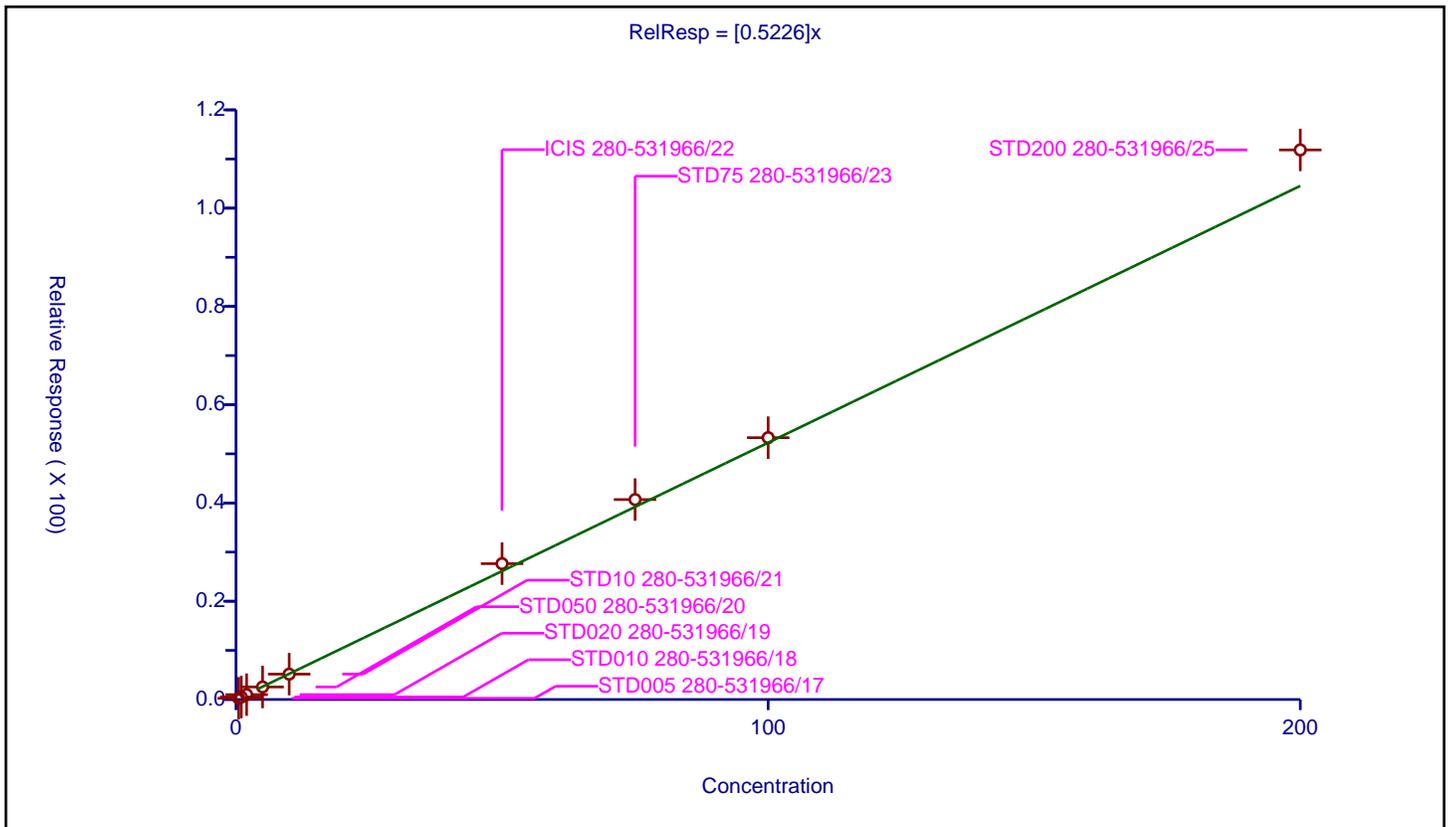
/ 1,2,4-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5226

Error Coefficients	
Standard Error:	305000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.245452	50.0	299448.0	0.490903	Y
2	STD010 280-531966/18	1.0	0.503463	50.0	297539.0	0.503463	Y
3	STD020 280-531966/19	2.0	0.992197	50.0	300646.0	0.496098	Y
4	STD050 280-531966/20	5.0	2.547428	50.0	310784.0	0.509486	Y
5	STD10 280-531966/21	10.0	5.162638	50.0	312011.0	0.516264	Y
6	ICIS 280-531966/22	50.0	27.64596	50.0	321698.0	0.552919	Y
7	STD75 280-531966/23	75.0	40.691077	50.0	325333.0	0.542548	Y
8	STD100 280-531966/24	100.0	53.286307	50.0	342999.0	0.532863	Y
9	STD200 280-531966/25	200.0	111.848586	50.0	319152.0	0.559243	Y



Calibration

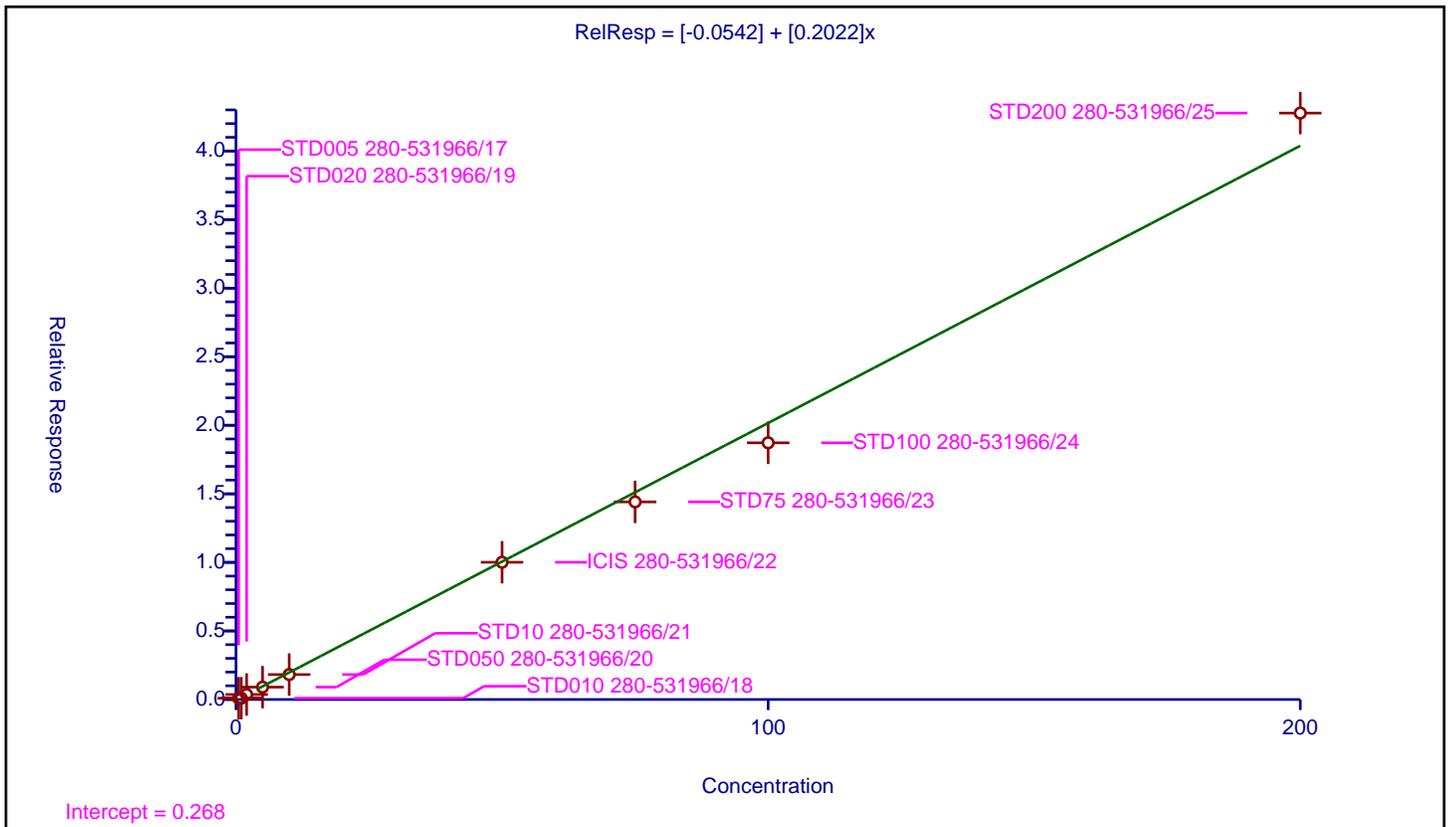
/ Hexachlorobutadiene

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.0542
Slope:	0.2022

Error Coefficients	
Standard Error:	122000
Relative Standard Error:	19.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.08883	50.0	299448.0	0.17766	Y
2	STD010 280-531966/18	1.0	0.095786	50.0	297539.0	0.095786	Y
3	STD020 280-531966/19	2.0	0.36355	50.0	300646.0	0.181775	Y
4	STD050 280-531966/20	5.0	0.902878	50.0	310784.0	0.180576	Y
5	STD10 280-531966/21	10.0	1.818365	50.0	312011.0	0.181837	Y
6	ICIS 280-531966/22	50.0	10.008921	50.0	321698.0	0.200178	Y
7	STD75 280-531966/23	75.0	14.411849	50.0	325333.0	0.192158	Y
8	STD100 280-531966/24	100.0	18.720317	50.0	342999.0	0.187203	Y
9	STD200 280-531966/25	200.0	42.767553	50.0	319152.0	0.213838	Y



Calibration

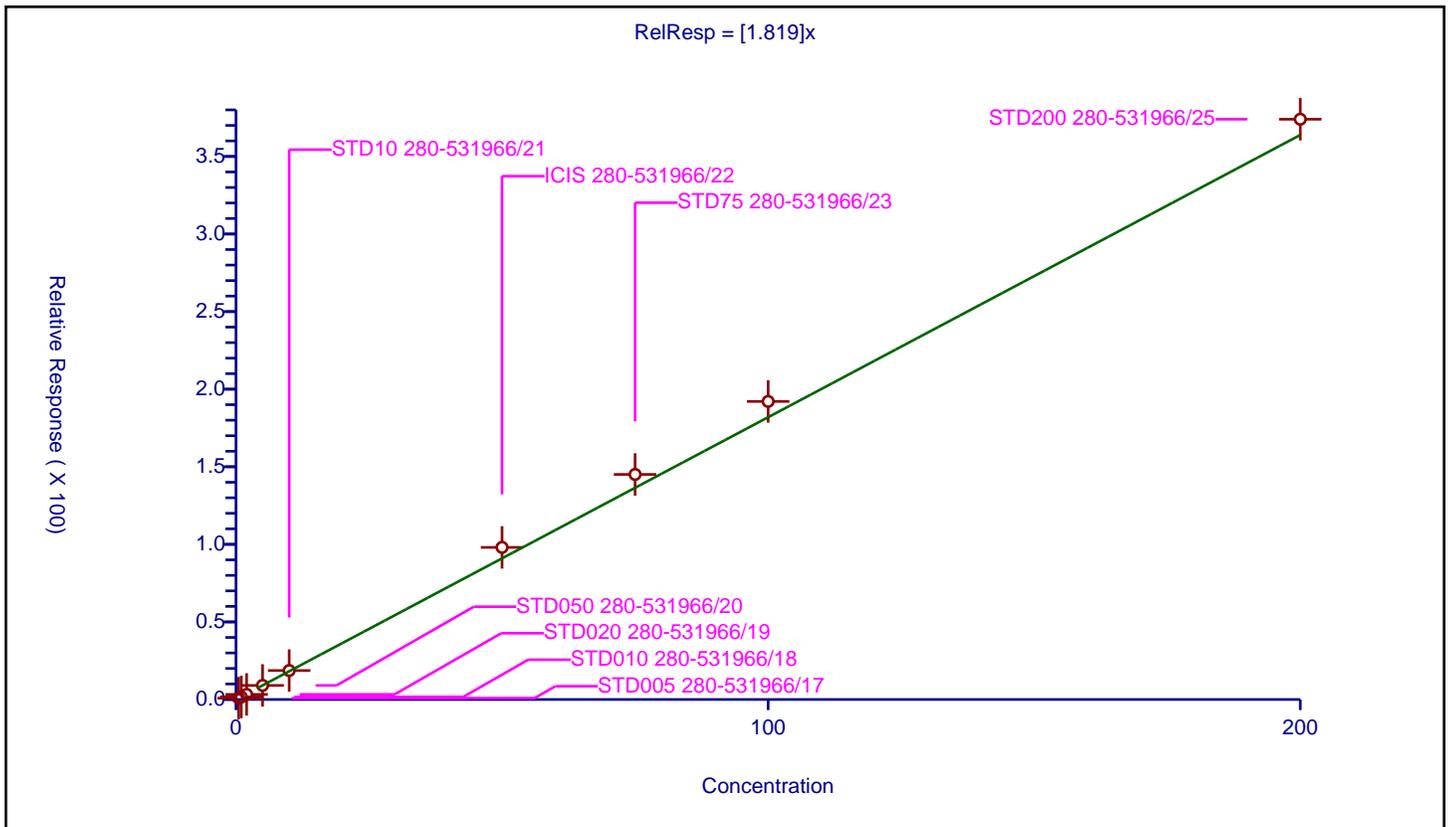
/ Naphthalene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.819

Error Coefficients	
Standard Error:	1050000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.857244	50.0	299448.0	1.714488	Y
2	STD010 280-531966/18	1.0	1.650876	50.0	297539.0	1.650876	Y
3	STD020 280-531966/19	2.0	3.279272	50.0	300646.0	1.639636	Y
4	STD050 280-531966/20	5.0	9.071413	50.0	310784.0	1.814283	Y
5	STD10 280-531966/21	10.0	18.67306	50.0	312011.0	1.867306	Y
6	ICIS 280-531966/22	50.0	98.03387	50.0	321698.0	1.960677	Y
7	STD75 280-531966/23	75.0	145.066132	50.0	325333.0	1.934215	Y
8	STD100 280-531966/24	100.0	192.107994	50.0	342999.0	1.92108	Y
9	STD200 280-531966/25	200.0	373.98669	50.0	319152.0	1.869933	Y



Calibration

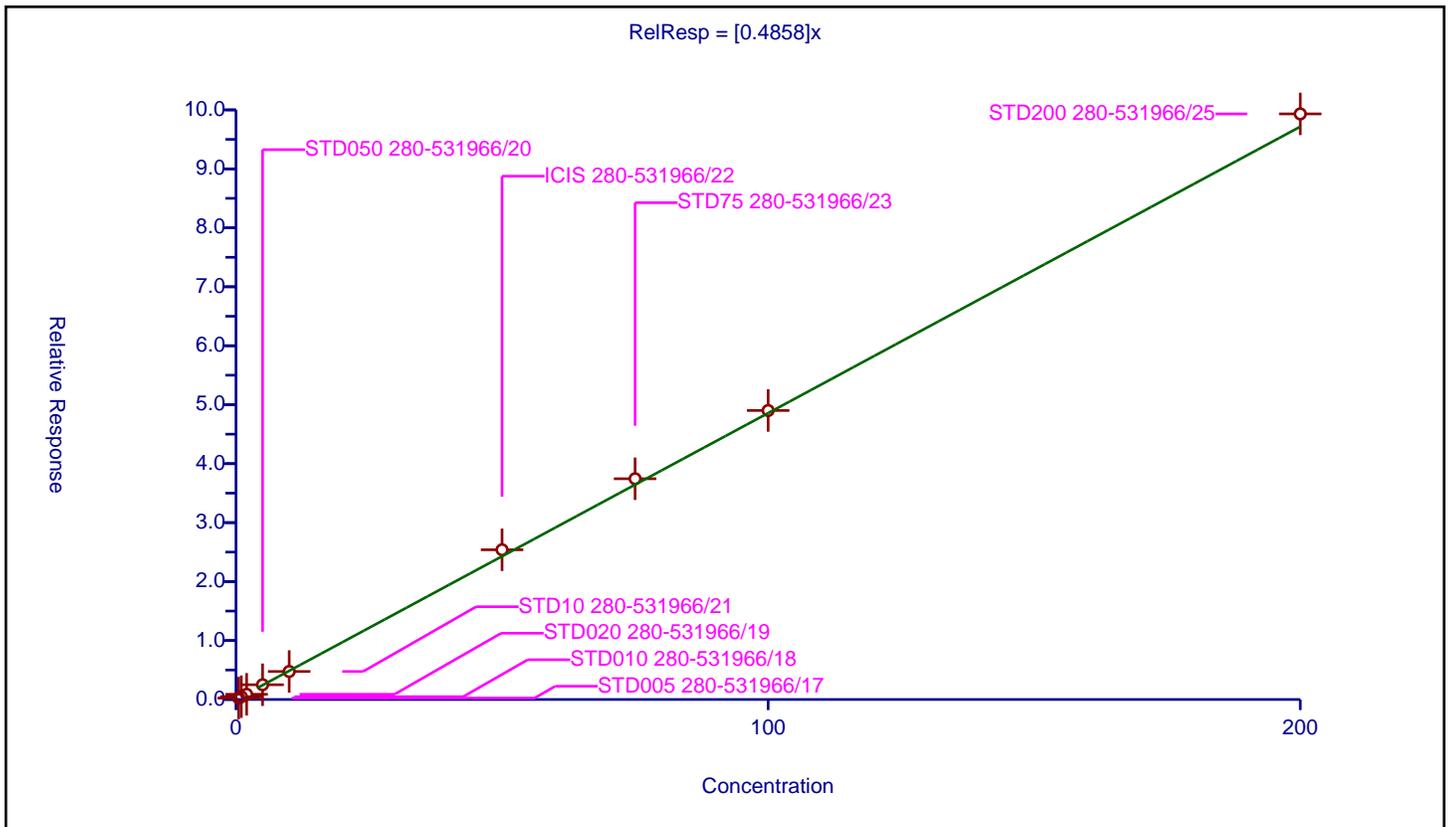
/ 1,2,3-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4858

Error Coefficients	
Standard Error:	274000
Relative Standard Error:	4.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD005 280-531966/17	0.5	0.242112	50.0	299448.0	0.484224	Y
2	STD010 280-531966/18	1.0	0.476912	50.0	297539.0	0.476912	Y
3	STD020 280-531966/19	2.0	0.882101	50.0	300646.0	0.44105	Y
4	STD050 280-531966/20	5.0	2.503507	50.0	310784.0	0.500701	Y
5	STD10 280-531966/21	10.0	4.751756	50.0	312011.0	0.475176	Y
6	ICIS 280-531966/22	50.0	25.392915	50.0	321698.0	0.507858	Y
7	STD75 280-531966/23	75.0	37.441176	50.0	325333.0	0.499216	Y
8	STD100 280-531966/24	100.0	49.013991	50.0	342999.0	0.49014	Y
9	STD200 280-531966/25	200.0	99.322893	50.0	319152.0	0.496614	Y



FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 522238

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2020 19:59 Calibration End Date: 12/30/2020 22:41 Calibration ID: 50215

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-522238/21	R2295.D
Level 2	IC 280-522238/20	R2294.D
Level 3	IC 280-522238/19	R2293.D
Level 4	IC 280-522238/18	R2292.D
Level 5	IC 280-522238/17	R2291.D
Level 6	IC 280-522238/16	R2290.D
Level 7	IC 280-522238/15	R2289.D
Level 8	IC 280-522238/14	R2288.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethylene oxide	0.0100 0.0114	0.0116 0.0107	0.0123 ++++	0.0129	0.0124	Ave		0.011 6			8.7		15.0				
Ethanol	0.0040 0.0034	0.0040 0.0034	0.0034 0.0045	0.0037	0.0035	Ave		0.003 7			10.7		15.0				
Propene oxide	0.0330 0.0407	0.0366 ++++	0.0414 ++++	0.0481	0.0501	Lin2	-1.17 6	0.046 0						0.9910		0.9900	
2-Propanol	0.0196 0.0191	0.0201 0.0219	0.0179 0.0223	0.0202	0.0201	Ave		0.020 1			7.1		15.0				
Acetonitrile	0.0411 0.0396	0.0389 0.0397	0.0388 0.0415	0.0397	0.0391	Ave		0.039 8			2.5		15.0				
Di-isopropyl ether (DIPE)	0.1791 0.1699	0.1661 0.1755	0.1651 0.1766	0.1673	0.1696	Ave		0.171 1			3.1		15.0				
Chloroprene	0.3167 0.2971	0.2890 0.3025	0.2946 0.3125	0.2694	0.2910	Ave		0.296 6			5.0		15.0				
Tert-butyl ethyl ether	0.6236 0.6100	0.6222 0.6285	0.6023 0.6382	0.5902	0.6092	Ave		0.615 6			2.5		15.0				
Ethyl acetate	0.5179 0.2195	0.3808 0.2289	0.2731 0.2254	0.2583	0.2219	Lin2	0.600 2	0.221 4						0.9990		0.9900	
Propionitrile	0.0461 0.0440	0.0453 0.0468	0.0443 0.0462	0.0458	0.0439	Ave		0.045 3			2.5		15.0				
Methacrylonitrile	0.1802 0.1633	0.1768 0.1706	0.1691 ++++	0.1705	0.1644	Ave		0.170 7			3.6		15.0				
Tert-amyl methyl ether	0.6169 0.5815	0.5787 0.5978	0.5659 0.6144	0.5648	0.5820	Ave		0.587 7			3.4		15.0				
n-Butanol	0.0050 0.0099	0.0083 0.0109	0.0079 0.0109	0.0091	0.0097	Lin2	-0.12 6	0.010 1						0.9930		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 522238

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2020 19:59 Calibration End Date: 12/30/2020 22:41 Calibration ID: 50215

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Methyl methacrylate	0.0404 0.0688	0.0634 0.0728	0.0696 0.0724	0.0696	0.0691	Lin2	-0.05 8	0.072 4						0.9980		0.9900	
2-Nitropropane	0.0279 0.0360	0.0286 0.0399	0.0288 0.0421	0.0328	0.0340	Lin1	-0.05 1	0.039 7						0.9940		0.9900	
Tetrahydrothiophene	++++ 0.0343	++++ 0.0354	0.0305 0.0362	0.0354	0.0347	Ave		0.034 4			5.9		15.0				
cis-1,4-Dichloro-2-butene	0.0822 0.1865	0.0998 0.2027	0.1180 0.2150	0.1290	0.1738	Lin1	-0.37 6	0.203 0						0.9930		0.9900	
1,2,3-Trimethylbenzene	2.2765 2.1580	2.1747 2.2417	2.1976 2.2415	2.0617	2.1876	Ave		2.192 4			3.0		15.0				
1,3,5-Trichlorobenzene	0.7730 0.7511	0.7441 0.7912	0.7320 0.8037	0.7465	0.7663	Ave		0.763 5			3.2		15.0				
Dibromofluoromethane (Surr)	0.2345 0.2344	0.2319 0.2358	0.2324 0.2358	0.2322	0.2324	Ave		0.234 8			1.5		15.0				
1,2-Dichloroethane-d4 (Surr)	0.2636 0.2612	0.2573 0.2636	0.2533 0.2650	0.2594	0.2588	Ave		0.260 1			1.4		15.0				
Toluene-d8 (Surr)	4.2375 4.2402	4.2694 4.2658	4.3084 4.2669	4.2355	4.2428	Ave		4.243 4			1.2		15.0				
4-Bromofluorobenzene (Surr)	0.9585 0.9695	0.9632 0.9806	0.9487 0.9620	0.9581	0.9657	Ave		0.960 1			1.3		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 522238

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2020 19:59 Calibration End Date: 12/30/2020 22:41 Calibration ID: 50215

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-522238/21	R2295.D
Level 2	IC 280-522238/20	R2294.D
Level 3	IC 280-522238/19	R2293.D
Level 4	IC 280-522238/18	R2292.D
Level 5	IC 280-522238/17	R2291.D
Level 6	IC 280-522238/16	R2290.D
Level 7	IC 280-522238/15	R2289.D
Level 8	IC 280-522238/14	R2288.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Ethylene oxide	FB	Ave	46904 4319814	109188 5334695	292217 +++++	622328	3103726	83.3 6250	167 8333	417 +++++	833	4167
Ethanol	FB	Ave	13459 919021	27417 1238311	58949 3256806	126759	623013	60.0 4500	120 6000	300 12000	600	3000
Propene oxide	FB	Lin2	154038 15398102	345183 +++++	984643 +++++	2318770	12524536	83.3 6250	167 +++++	417 +++++	833	4167
2-Propanol	FB	Ave	10987 865377	22740 1309319	51068 2688514	116611	602063	10.0 750	20.0 1000	50.0 2000	100	500
Acetonitrile	FB	Ave	23046 1794265	44082 2377728	110973 5010729	229610	1174705	10.0 750	20.0 1000	50.0 2000	100	500
Di-isopropyl ether (DIPE)	FB	Ave	10037 770358	18814 1050329	47154 2131864	96754	508989	1.00 75.0	2.00 100	5.00 200	10.0	50.0
Chloroprene	FB	Ave	17750 1347328	32744 1809818	84153 3772693	155859	873238	1.00 75.0	2.00 100	5.00 200	10.0	50.0
Tert-butyl ethyl ether	FB	Ave	34957 2766317	70484 3760753	172081 7704455	341397	1828146	1.00 75.0	2.00 100	5.00 200	10.0	50.0
Ethyl acetate	FB	Lin2	58058 1990620	86278 2739306	156056 5440942	298892	1331457	2.00 150	4.00 200	10.0 400	20.0	100
Propionitrile	FB	Ave	25829 1993773	51289 2801885	126682 5581354	265038	1317386	10.0 750	20.0 1000	50.0 2000	100	500
Methacrylonitrile	FB	Ave	101006 7407261	200303 10207494	483005 +++++	986106	4932527	10.0 750	20.0 1000	50.0 +++++	100	500
Tert-amyl methyl ether	FB	Ave	34581 2637097	65553 3576522	161679 7416164	326705	1746308	1.00 75.0	2.00 100	5.00 200	10.0	50.0
n-Butanol	FB	Lin2	7069 1121478	23487 1631900	56481 3285092	130919	728579	25.0 1875	50.0 2500	125 5000	250	1250

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 522238

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 12/30/2020 19:59 Calibration End Date: 12/30/2020 22:41 Calibration ID: 50215

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Methyl methacrylate	FB	Lin2	4529 623996	14372 870831	39780 1747942	80543	414609	2.00 150	4.00 200	10.0 400	20.0	100
2-Nitropropane	FB	Lin1	3123 326363	6487 477859	16455 1017048	37915	204006	2.00 150	4.00 200	10.0 400	20.0	100
Tetrahydrothiophene	CBNZ d5	Ave	+++++ 59517	+++++ 81613	3254 168356	7743	39539	+++++ 125	+++++ 167	8.33 333	16.7	83.3
cis-1,4-Dichloro-2-butene	DCBd 4	Lin1	2785 507697	6725 720216	20085 1562290	44882	309293	1.67 125	3.33 167	8.33 333	16.7	83.3
1,2,3-Trimethylbenzene	DCBd 4	Ave	46291 3525124	87889 4779447	224442 9773320	430410	2335775	1.00 75.0	2.00 100	5.00 200	10.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	15718 1226836	30073 1686941	74760 3504403	155832	818191	1.00 75.0	2.00 100	5.00 200	10.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	657112 708654	656901 705329	663960 711496	671758	697379	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	738639 789702	728767 788570	723502 799758	750311	776525	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	2713434 2941763	2733680 2947267	2762252 2979364	2778670	2898019	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	974572 1055825	973183 1045381	968966 1048638	1000053	1031082	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD  
Lin1 = Linear 1/conc ISTD  
Lin2 = Linear 1/conc^2 ISTD

Calibration

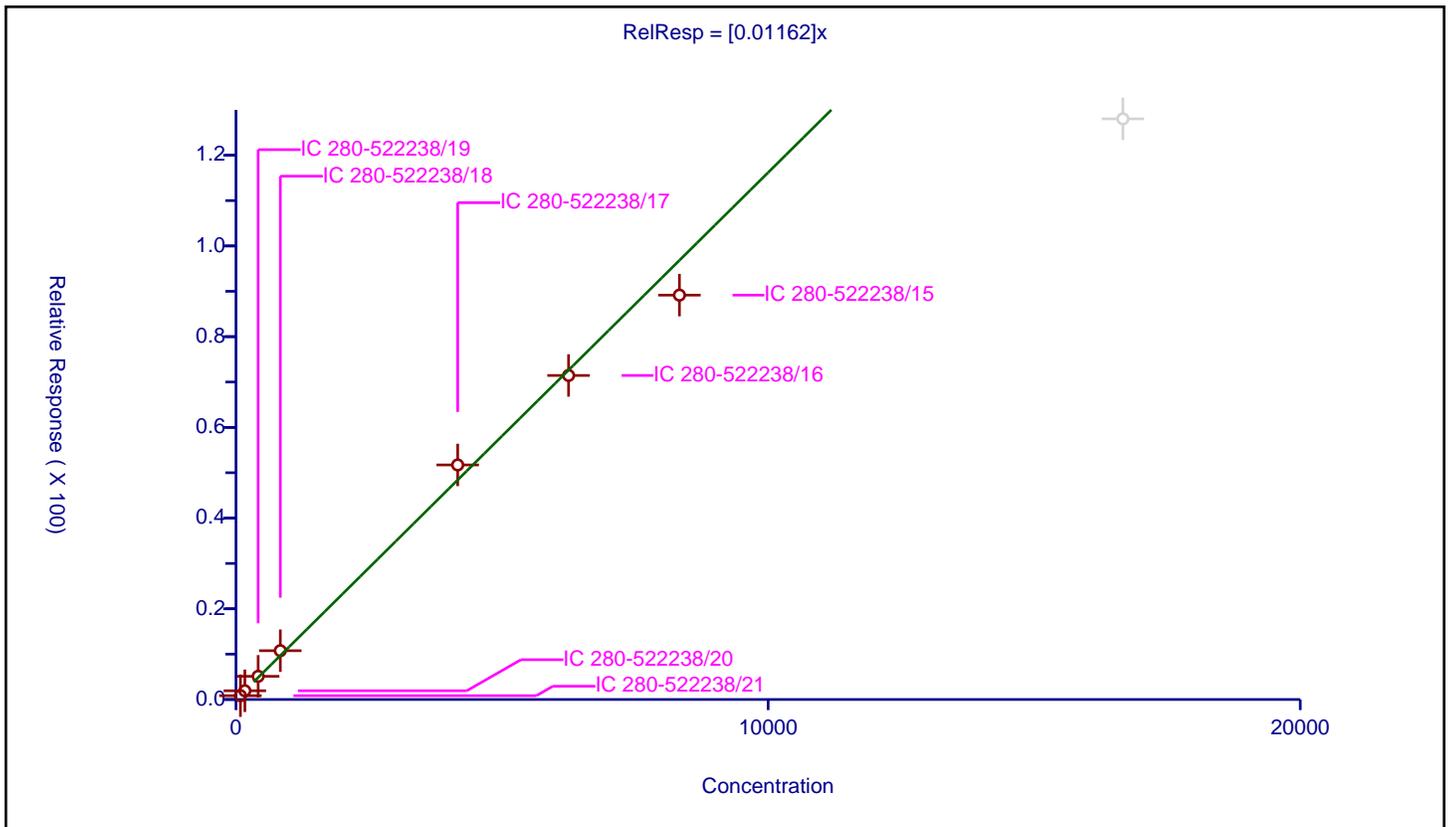
/ Ethylene oxide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01162

Error Coefficients	
Standard Error:	3090000
Relative Standard Error:	8.7
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	83.333333	0.836783	50.0	2802637.0	0.010041	Y
2	IC 280-522238/20	166.666667	1.927692	50.0	2832092.0	0.011566	Y
3	IC 280-522238/19	416.666667	5.114316	50.0	2856853.0	0.012274	Y
4	IC 280-522238/18	833.333333	10.757972	50.0	2892404.0	0.01291	Y
5	IC 280-522238/17	4166.666667	51.71632	50.0	3000722.0	0.012412	Y
6	IC 280-522238/16	6250.0	71.446216	50.0	3023123.0	0.011431	Y
7	IC 280-522238/15	8333.333333	89.160579	50.0	2991622.0	0.010699	Y
8	IC 280-522238/14	16666.666667	128.024158	50.0	3017823.0	0.007681	N



Calibration

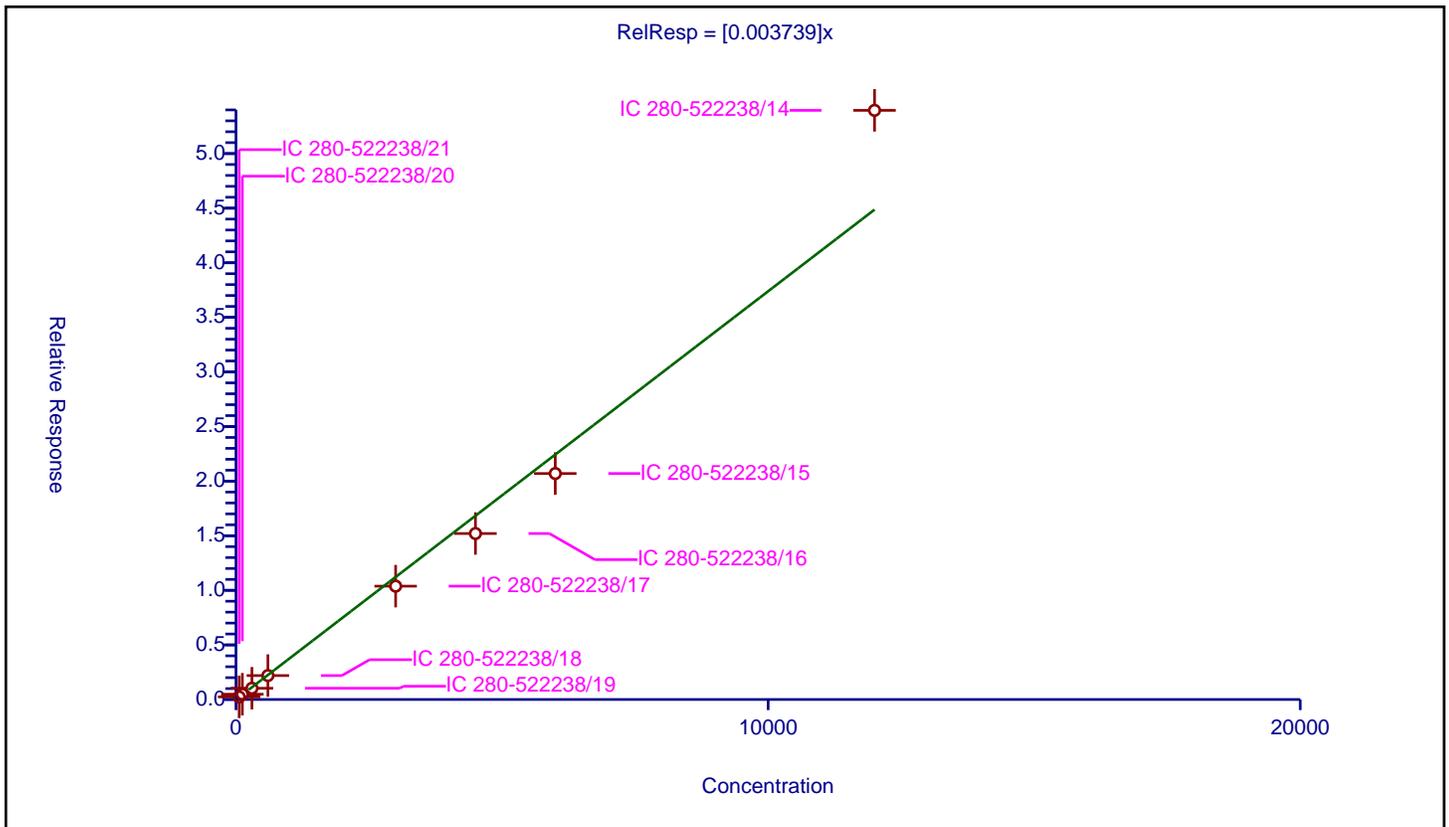
/ Ethanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.003739

Error Coefficients	
Standard Error:	1380000
Relative Standard Error:	10.7
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	60.0	0.240113	50.0	2802637.0	0.004002	Y
2	IC 280-522238/20	120.0	0.484041	50.0	2832092.0	0.004034	Y
3	IC 280-522238/19	300.0	1.031712	50.0	2856853.0	0.003439	Y
4	IC 280-522238/18	600.0	2.19124	50.0	2892404.0	0.003652	Y
5	IC 280-522238/17	3000.0	10.381052	50.0	3000722.0	0.00346	Y
6	IC 280-522238/16	4500.0	15.199861	50.0	3023123.0	0.003378	Y
7	IC 280-522238/15	6000.0	20.696315	50.0	2991622.0	0.003449	Y
8	IC 280-522238/14	12000.0	53.959526	50.0	3017823.0	0.004497	Y



**Calibration**

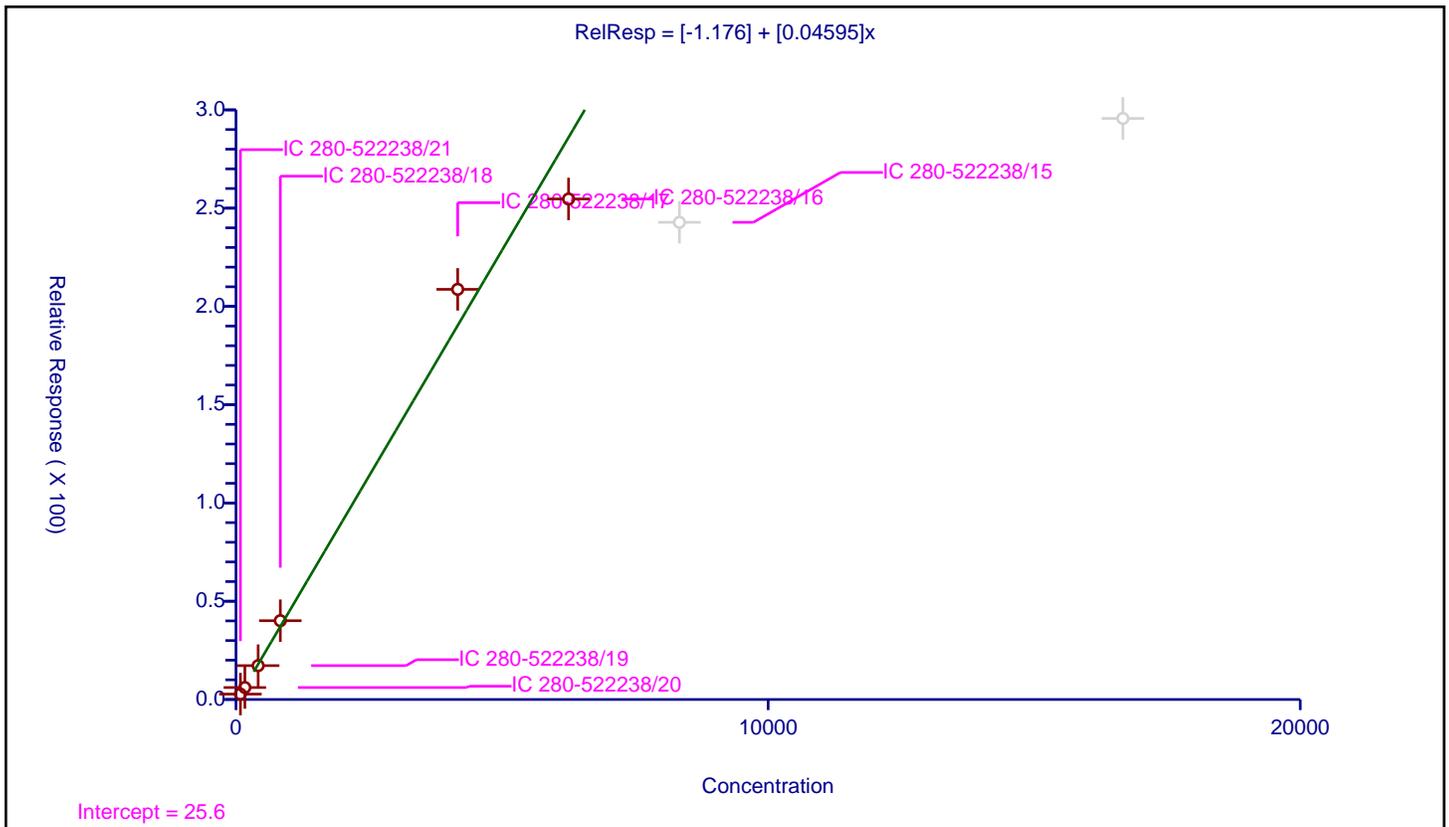
**/ Propene oxide**

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-1.176
Slope:	0.04595

Error Coefficients	
Standard Error:	10000000
Relative Standard Error:	8.9
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	83.333333	2.74809	50.0	2802637.0	0.032977	Y
2	IC 280-522238/20	166.666667	6.094135	50.0	2832092.0	0.036565	Y
3	IC 280-522238/19	416.666667	17.233001	50.0	2856853.0	0.041359	Y
4	IC 280-522238/18	833.333333	40.083785	50.0	2892404.0	0.048101	Y
5	IC 280-522238/17	4166.666667	208.692041	50.0	3000722.0	0.050086	Y
6	IC 280-522238/16	6250.0	254.672106	50.0	3023123.0	0.040748	Y
7	IC 280-522238/15	8333.333333	242.794394	50.0	2991622.0	0.029135	N
8	IC 280-522238/14	16666.666667	295.653572	50.0	3017823.0	0.017739	N



Calibration

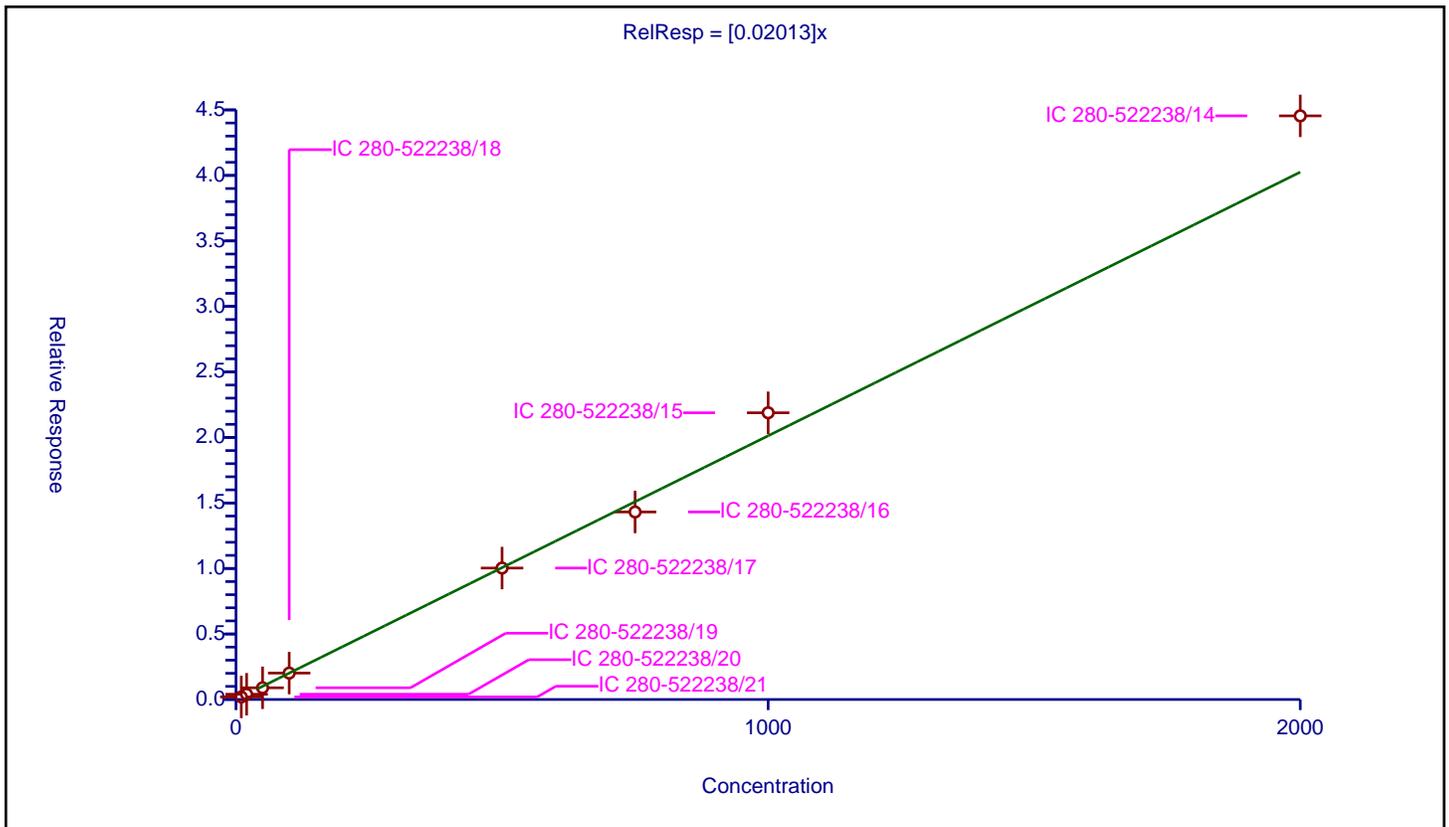
/ Isopropyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02013

Error Coefficients	
Standard Error:	1200000
Relative Standard Error:	7.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	10.0	0.196012	50.0	2802637.0	0.019601	Y
2	IC 280-522238/20	20.0	0.40147	50.0	2832092.0	0.020074	Y
3	IC 280-522238/19	50.0	0.893781	50.0	2856853.0	0.017876	Y
4	IC 280-522238/18	100.0	2.015815	50.0	2892404.0	0.020158	Y
5	IC 280-522238/17	500.0	10.031969	50.0	3000722.0	0.020064	Y
6	IC 280-522238/16	750.0	14.312633	50.0	3023123.0	0.019084	Y
7	IC 280-522238/15	1000.0	21.883096	50.0	2991622.0	0.021883	Y
8	IC 280-522238/14	2000.0	44.543931	50.0	3017823.0	0.022272	Y



**Calibration**

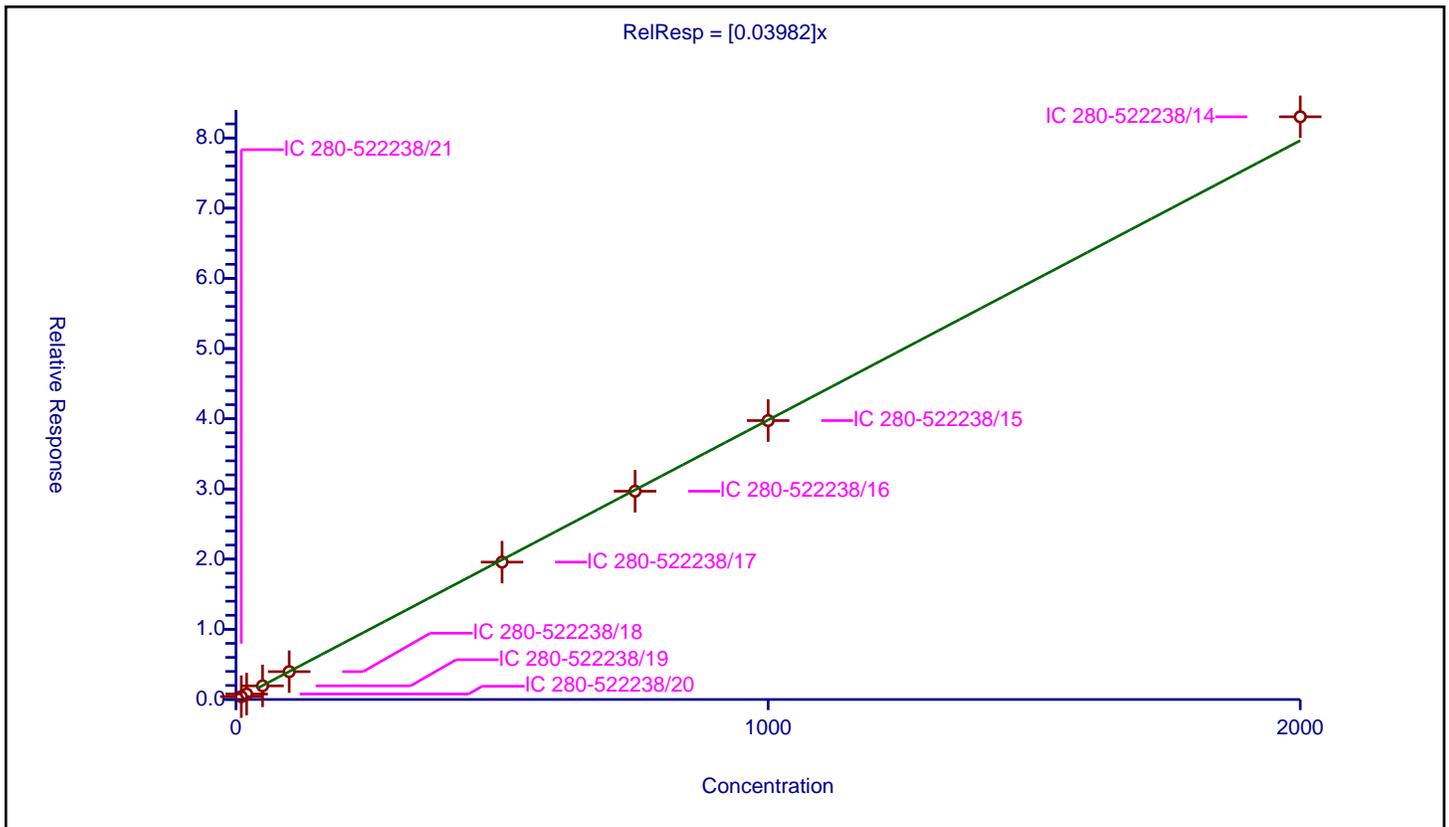
/ Acetonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03982

Error Coefficients	
Standard Error:	2250000
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	10.0	0.411149	50.0	2802637.0	0.041115	Y
2	IC 280-522238/20	20.0	0.778259	50.0	2832092.0	0.038913	Y
3	IC 280-522238/19	50.0	1.942225	50.0	2856853.0	0.038844	Y
4	IC 280-522238/18	100.0	3.96919	50.0	2892404.0	0.039692	Y
5	IC 280-522238/17	500.0	19.573706	50.0	3000722.0	0.039147	Y
6	IC 280-522238/16	750.0	29.675686	50.0	3023123.0	0.039568	Y
7	IC 280-522238/15	1000.0	39.73978	50.0	2991622.0	0.03974	Y
8	IC 280-522238/14	2000.0	83.018935	50.0	3017823.0	0.041509	Y



Calibration

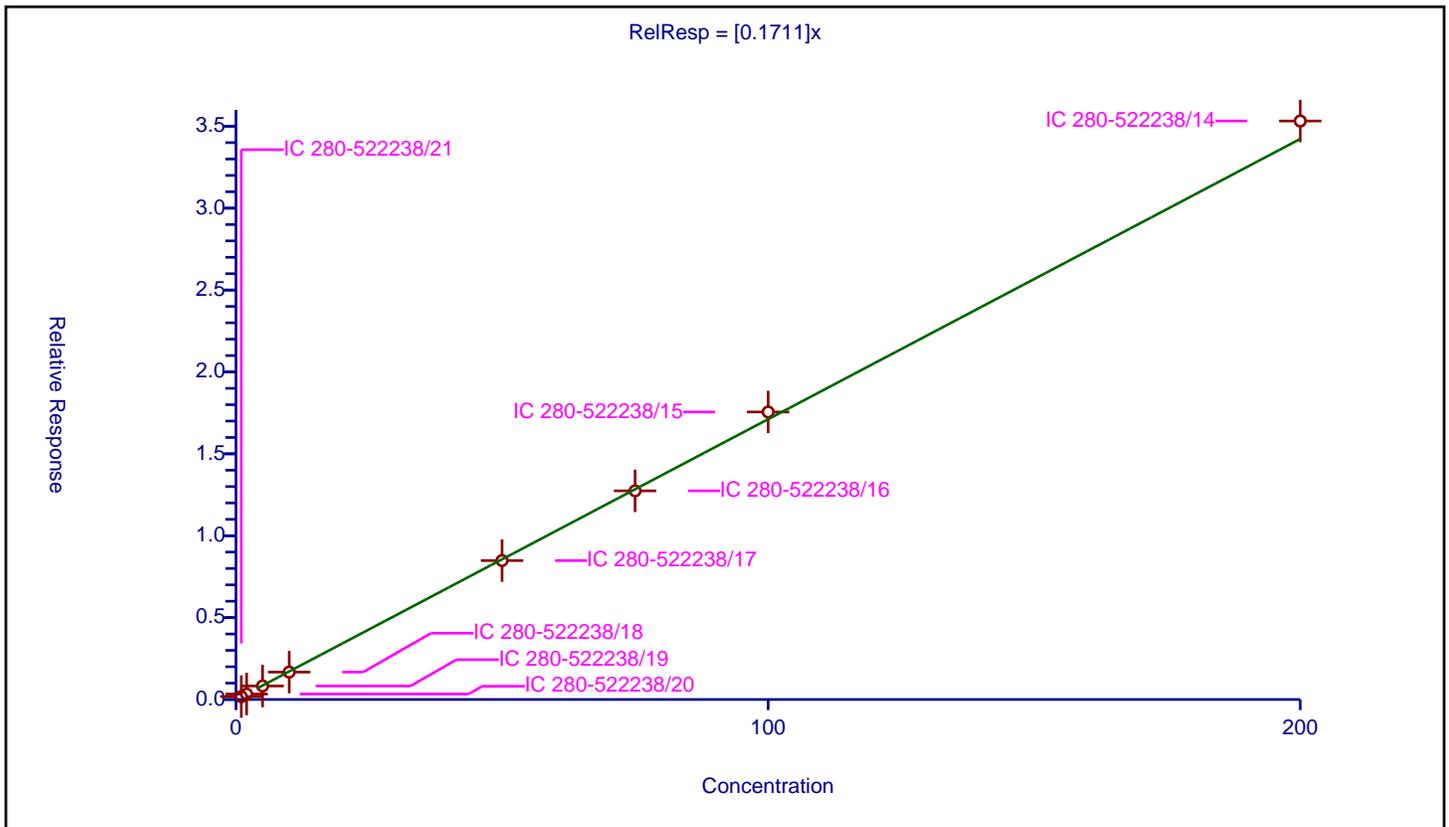
/ Isopropyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1711

Error Coefficients	
Standard Error:	965000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	1.0	0.179064	50.0	2802637.0	0.179064	Y
2	IC 280-522238/20	2.0	0.332157	50.0	2832092.0	0.166079	Y
3	IC 280-522238/19	5.0	0.825279	50.0	2856853.0	0.165056	Y
4	IC 280-522238/18	10.0	1.672553	50.0	2892404.0	0.167255	Y
5	IC 280-522238/17	50.0	8.481109	50.0	3000722.0	0.169622	Y
6	IC 280-522238/16	75.0	12.741096	50.0	3023123.0	0.169881	Y
7	IC 280-522238/15	100.0	17.554507	50.0	2991622.0	0.175545	Y
8	IC 280-522238/14	200.0	35.321223	50.0	3017823.0	0.176606	Y



Calibration

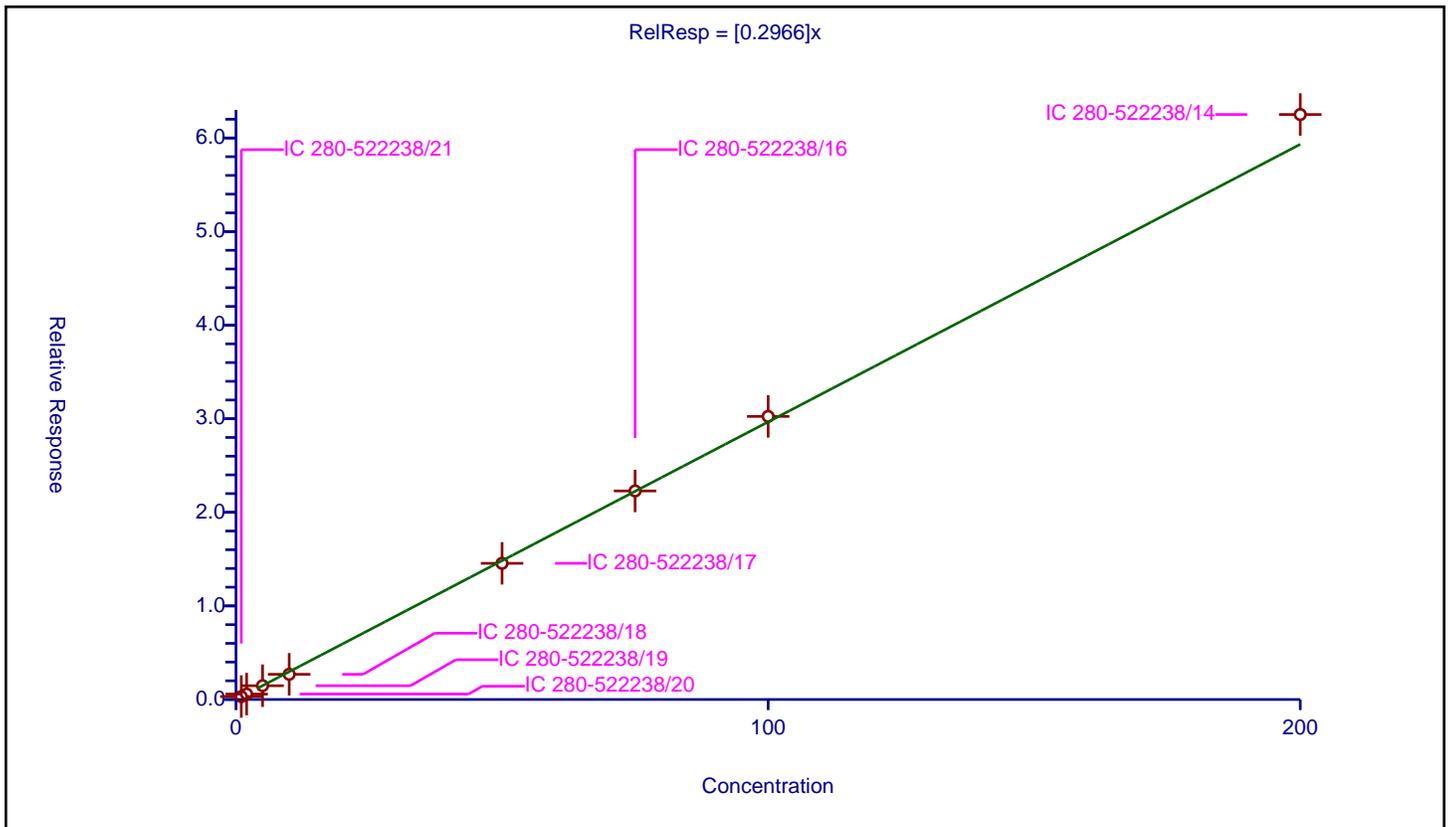
/ 2-Chloro-1,3-butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2966

Error Coefficients	
Standard Error:	1700000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	1.0	0.316666	50.0	2802637.0	0.316666	Y
2	IC 280-522238/20	2.0	0.578089	50.0	2832092.0	0.289044	Y
3	IC 280-522238/19	5.0	1.472827	50.0	2856853.0	0.294565	Y
4	IC 280-522238/18	10.0	2.694281	50.0	2892404.0	0.269428	Y
5	IC 280-522238/17	50.0	14.550465	50.0	3000722.0	0.291009	Y
6	IC 280-522238/16	75.0	22.283711	50.0	3023123.0	0.297116	Y
7	IC 280-522238/15	100.0	30.248106	50.0	2991622.0	0.302481	Y
8	IC 280-522238/14	200.0	62.506863	50.0	3017823.0	0.312534	Y



Calibration

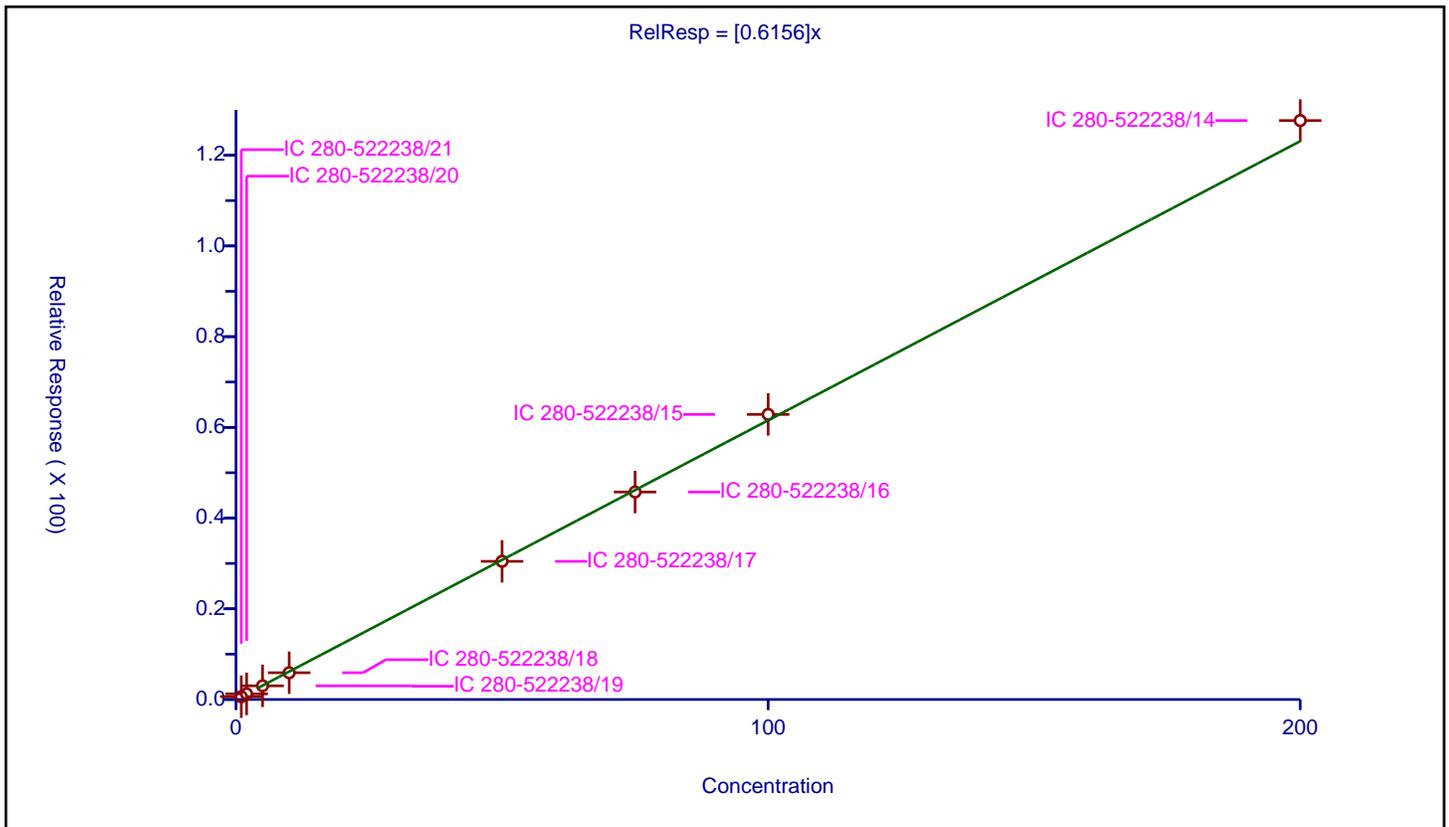
/ Tert-butyl ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6156

Error Coefficients	
Standard Error:	3480000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	1.0	0.623645	50.0	2802637.0	0.623645	Y
2	IC 280-522238/20	2.0	1.24438	50.0	2832092.0	0.62219	Y
3	IC 280-522238/19	5.0	3.011723	50.0	2856853.0	0.602345	Y
4	IC 280-522238/18	10.0	5.901613	50.0	2892404.0	0.590161	Y
5	IC 280-522238/17	50.0	30.461769	50.0	3000722.0	0.609235	Y
6	IC 280-522238/16	75.0	45.752637	50.0	3023123.0	0.610035	Y
7	IC 280-522238/15	100.0	62.854749	50.0	2991622.0	0.628547	Y
8	IC 280-522238/14	200.0	127.649219	50.0	3017823.0	0.638246	Y



**Calibration**

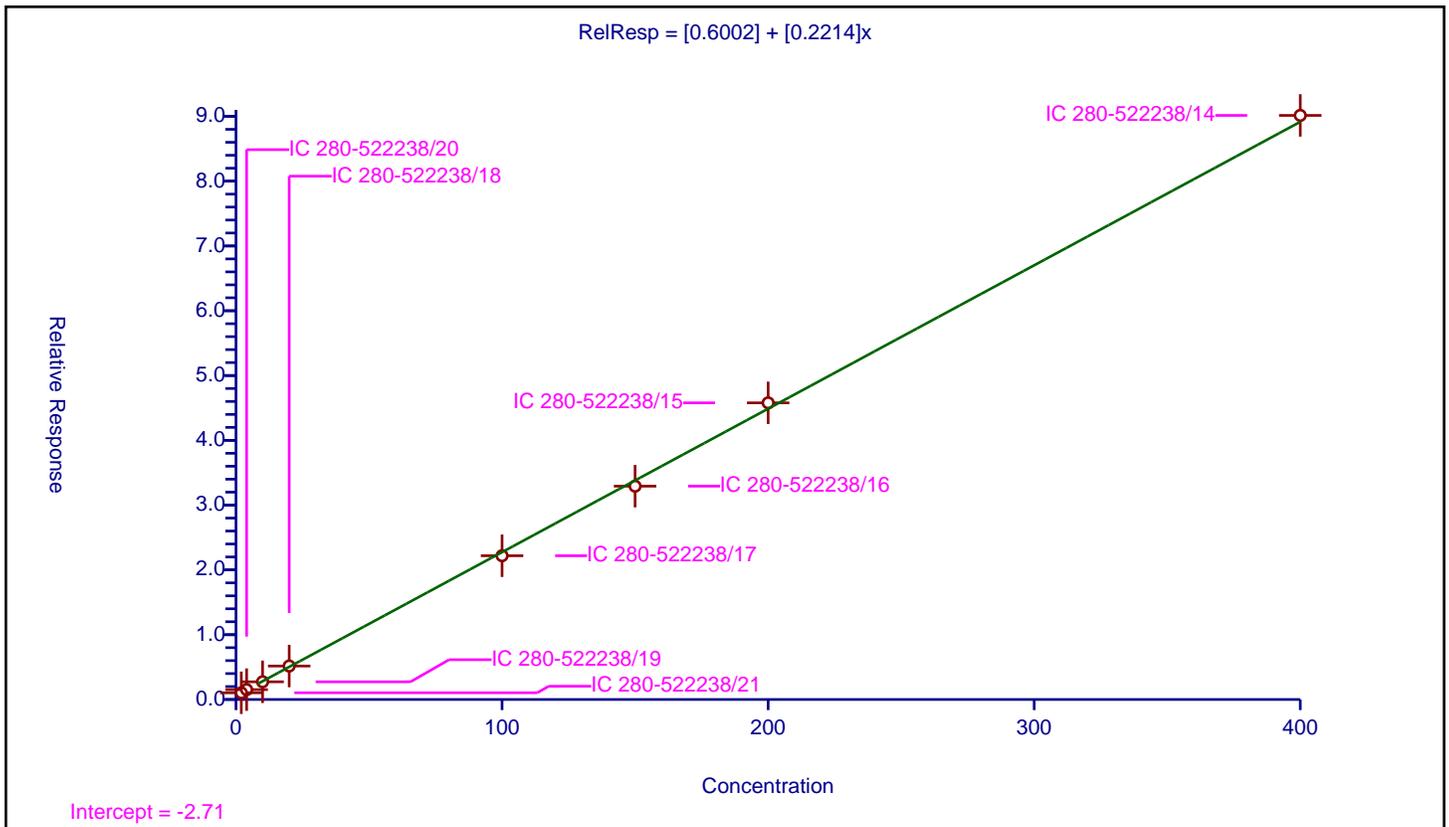
/ Ethyl acetate

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.6002
Slope:	0.2214

Error Coefficients	
Standard Error:	2680000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	2.0	1.035775	50.0	2802637.0	0.517887	Y
2	IC 280-522238/20	4.0	1.52322	50.0	2832092.0	0.380805	Y
3	IC 280-522238/19	10.0	2.731257	50.0	2856853.0	0.273126	Y
4	IC 280-522238/18	20.0	5.166844	50.0	2892404.0	0.258342	Y
5	IC 280-522238/17	100.0	22.185611	50.0	3000722.0	0.221856	Y
6	IC 280-522238/16	150.0	32.923239	50.0	3023123.0	0.219488	Y
7	IC 280-522238/15	200.0	45.782957	50.0	2991622.0	0.228915	Y
8	IC 280-522238/14	400.0	90.146805	50.0	3017823.0	0.225367	Y



Calibration

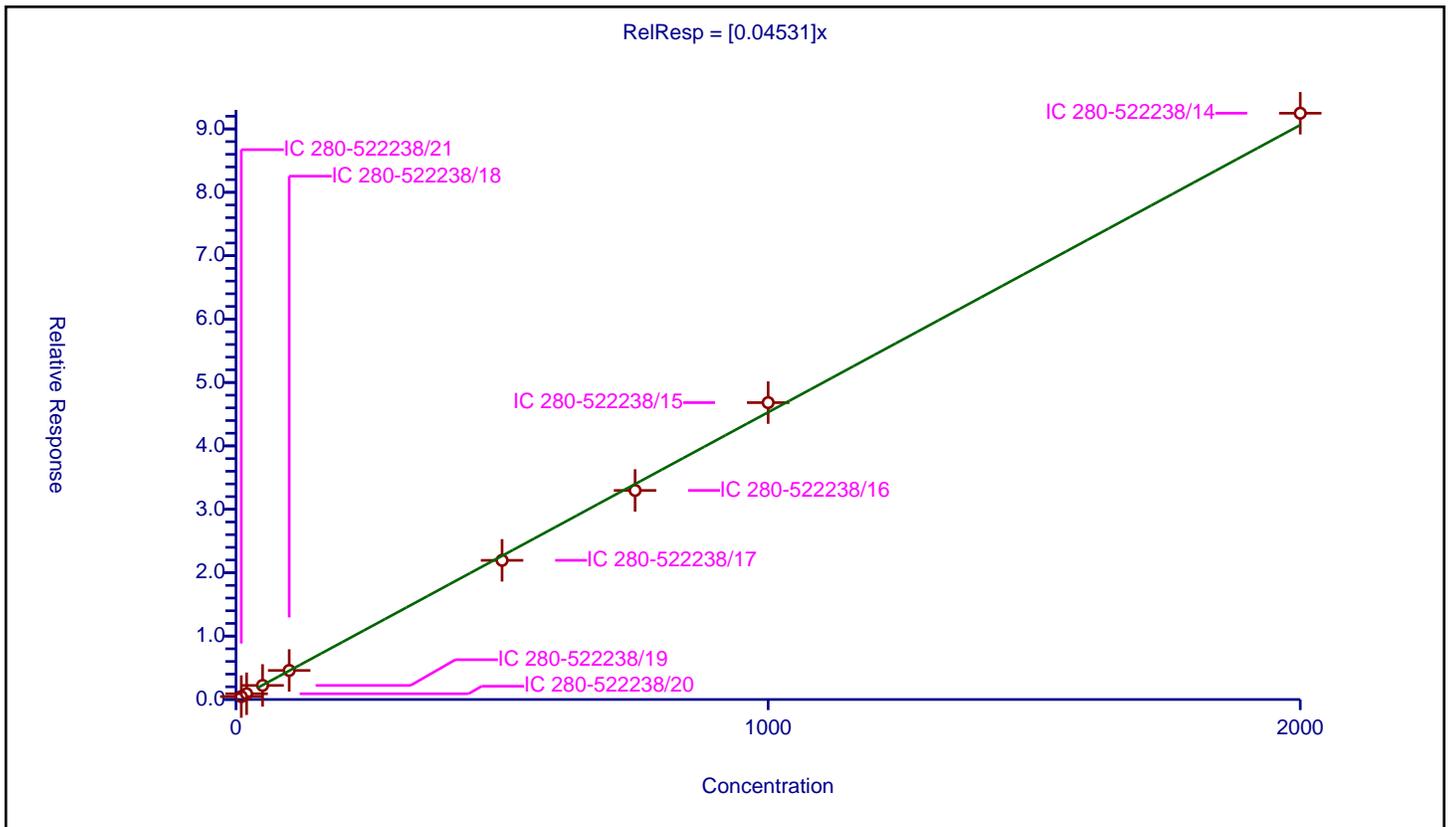
/ Propionitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04531

Error Coefficients	
Standard Error:	2530000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	10.0	0.460798	50.0	2802637.0	0.04608	Y
2	IC 280-522238/20	20.0	0.905497	50.0	2832092.0	0.045275	Y
3	IC 280-522238/19	50.0	2.21716	50.0	2856853.0	0.044343	Y
4	IC 280-522238/18	100.0	4.581621	50.0	2892404.0	0.045816	Y
5	IC 280-522238/17	500.0	21.95115	50.0	3000722.0	0.043902	Y
6	IC 280-522238/16	750.0	32.975387	50.0	3023123.0	0.043967	Y
7	IC 280-522238/15	1000.0	46.828861	50.0	2991622.0	0.046829	Y
8	IC 280-522238/14	2000.0	92.473183	50.0	3017823.0	0.046237	Y



**Calibration**

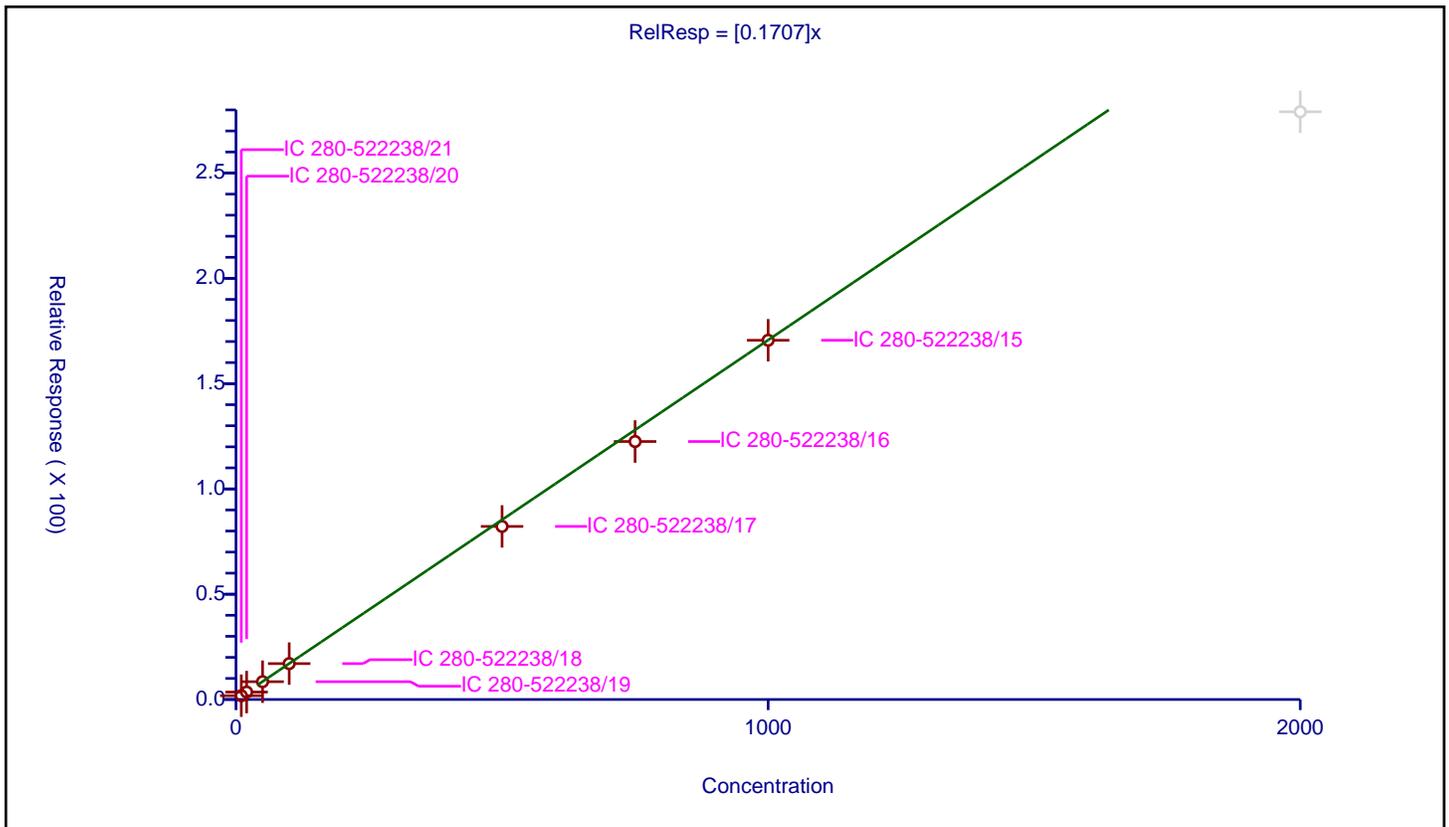
**/ Methacrylonitrile**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
<b>Intercept:</b>	0
<b>Slope:</b>	0.1707

Error Coefficients	
<b>Standard Error:</b>	5550000
<b>Relative Standard Error:</b>	3.6
<b>Correlation Coefficient:</b>	1.000
<b>Coefficient of Determination (Adjusted):</b>	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	10.0	1.801981	50.0	2802637.0	0.180198	Y
2	IC 280-522238/20	20.0	3.536308	50.0	2832092.0	0.176815	Y
3	IC 280-522238/19	50.0	8.453445	50.0	2856853.0	0.169069	Y
4	IC 280-522238/18	100.0	17.046478	50.0	2892404.0	0.170465	Y
5	IC 280-522238/17	500.0	82.189003	50.0	3000722.0	0.164378	Y
6	IC 280-522238/16	750.0	122.510083	50.0	3023123.0	0.163347	Y
7	IC 280-522238/15	1000.0	170.601333	50.0	2991622.0	0.170601	Y
8	IC 280-522238/14	2000.0	279.104291	50.0	3017823.0	0.139552	N



**Calibration**

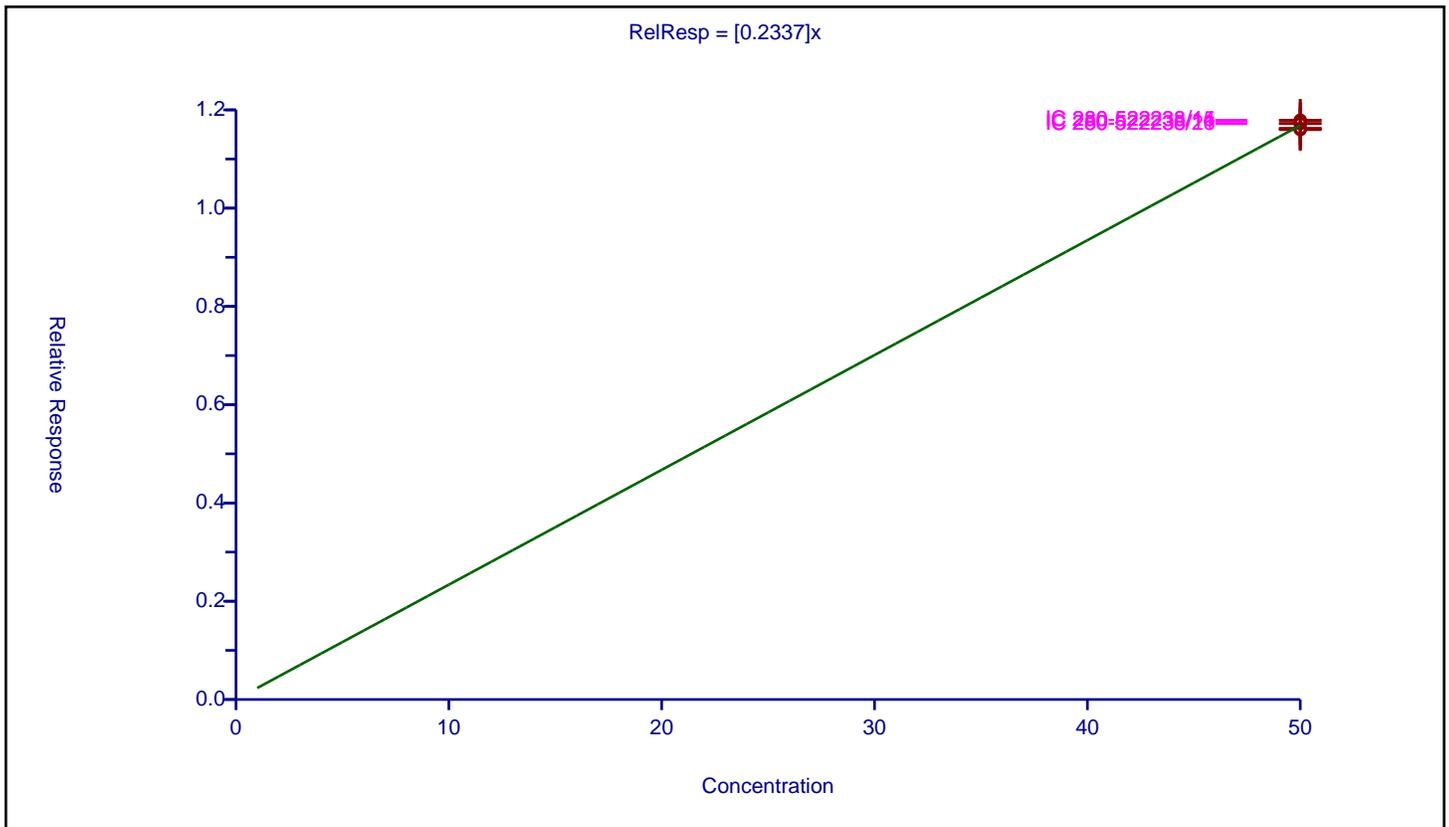
/ Dibromofluoromethane (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2337

Error Coefficients	
Standard Error:	732000
Relative Standard Error:	0.7
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/14	50.0	11.788233	50.0	3017823.0	0.235765	Y
2	IC 280-522238/15	50.0	11.788404	50.0	2991622.0	0.235768	Y
3	IC 280-522238/16	50.0	11.720562	50.0	3023123.0	0.234411	Y
4	IC 280-522238/17	50.0	11.620187	50.0	3000722.0	0.232404	Y
5	IC 280-522238/18	50.0	11.612451	50.0	2892404.0	0.232249	Y
6	IC 280-522238/19	50.0	11.620479	50.0	2856853.0	0.23241	Y
7	IC 280-522238/20	50.0	11.597452	50.0	2832092.0	0.231949	Y
8	IC 280-522238/21	50.0	11.723102	50.0	2802637.0	0.234462	Y



**Calibration**

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

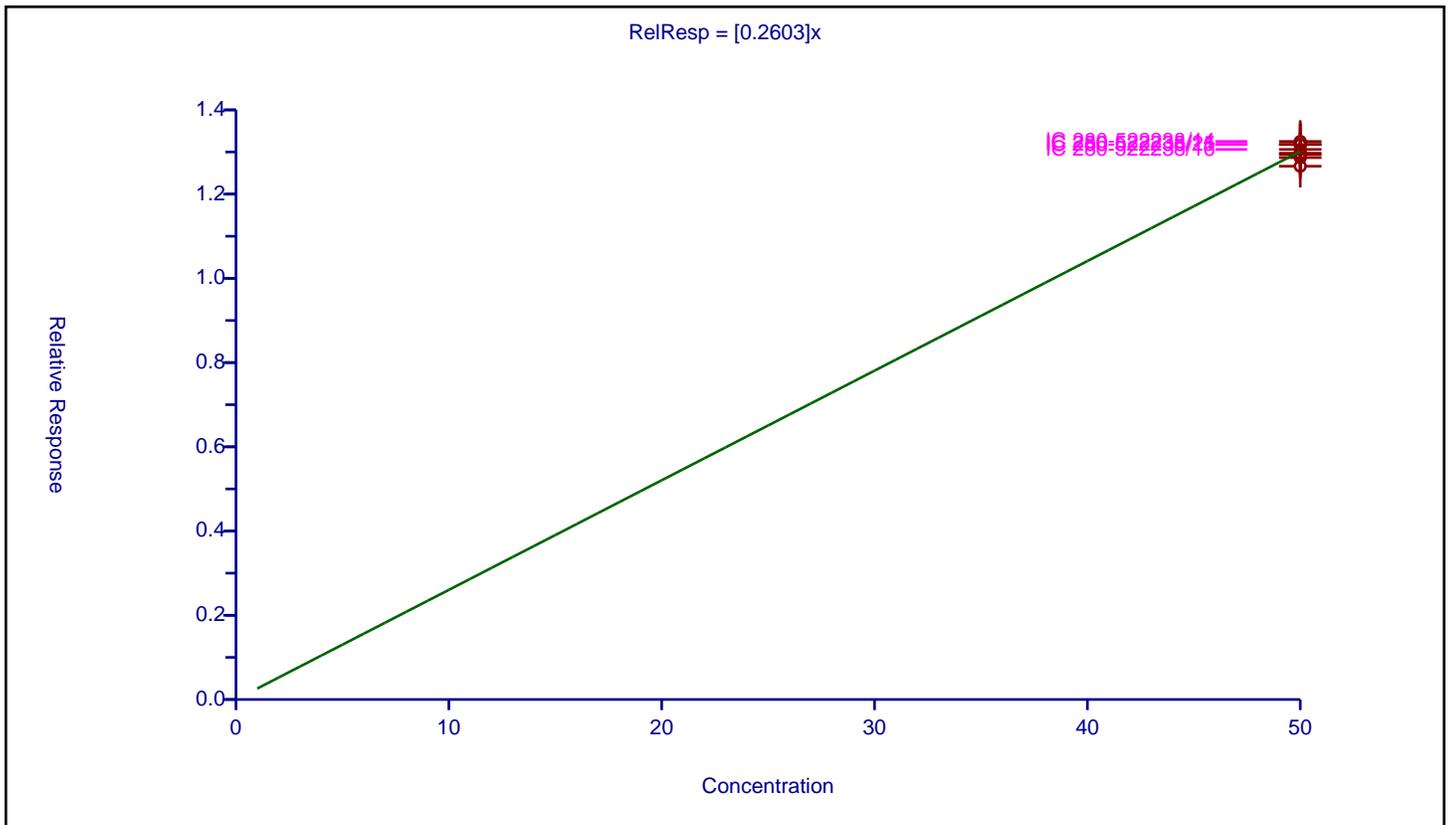
**Curve Coefficients**

Intercept: 0  
 Slope: 0.2603

**Error Coefficients**

Standard Error: 815000  
 Relative Standard Error: 1.5  
 Correlation Coefficient: NA  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/14	50.0	13.250578	50.0	3017823.0	0.265012	Y
2	IC 280-522238/15	50.0	13.17964	50.0	2991622.0	0.263593	Y
3	IC 280-522238/16	50.0	13.06103	50.0	3023123.0	0.261221	Y
4	IC 280-522238/17	50.0	12.938969	50.0	3000722.0	0.258779	Y
5	IC 280-522238/18	50.0	12.97037	50.0	2892404.0	0.259407	Y
6	IC 280-522238/19	50.0	12.66257	50.0	2856853.0	0.253251	Y
7	IC 280-522238/20	50.0	12.866231	50.0	2832092.0	0.257325	Y
8	IC 280-522238/21	50.0	13.177572	50.0	2802637.0	0.263551	Y



Calibration

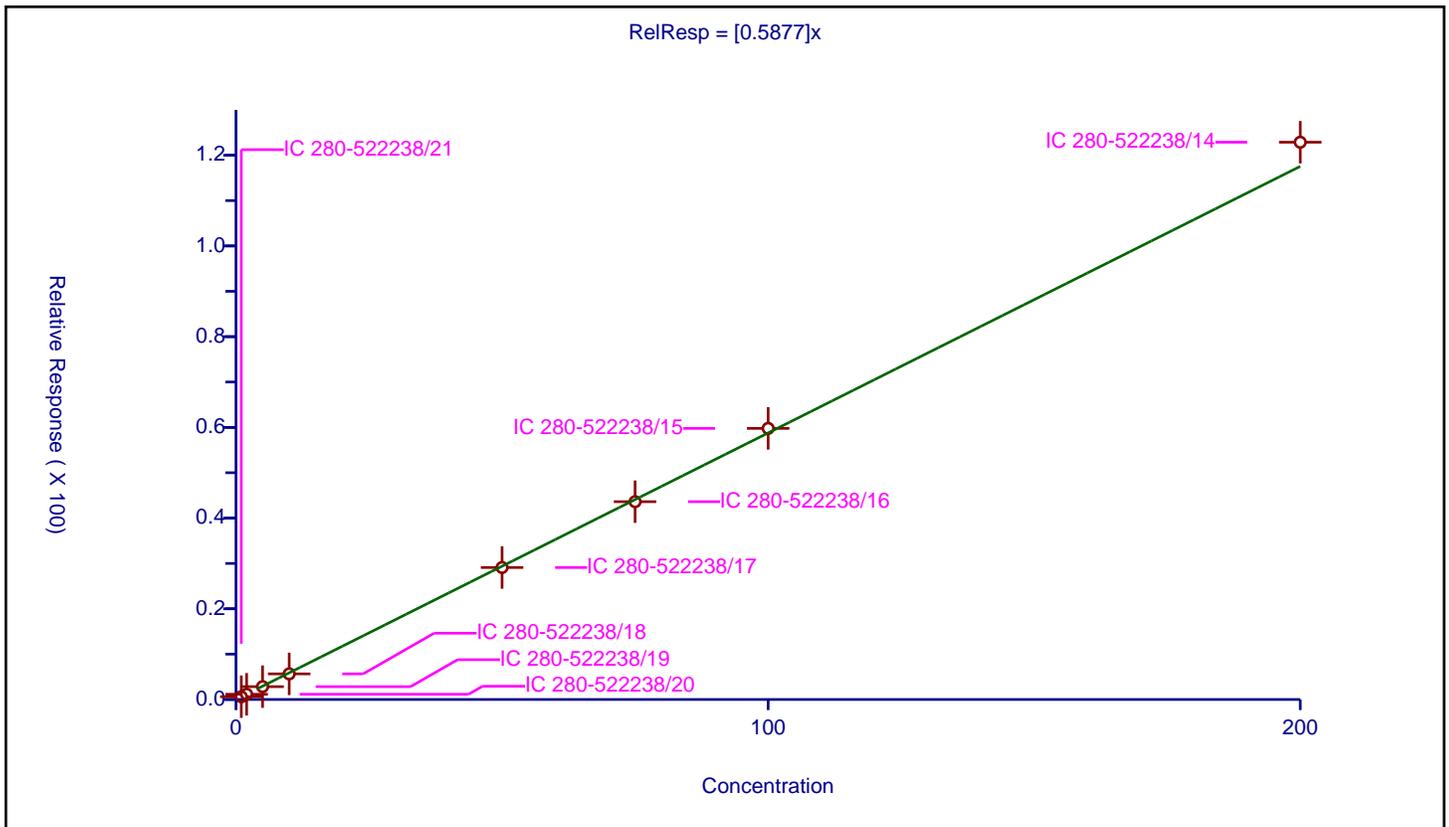
/ Tert-amyl methyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5877

Error Coefficients	
Standard Error:	3340000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	1.0	0.616937	50.0	2802637.0	0.616937	Y
2	IC 280-522238/20	2.0	1.157325	50.0	2832092.0	0.578662	Y
3	IC 280-522238/19	5.0	2.82967	50.0	2856853.0	0.565934	Y
4	IC 280-522238/18	10.0	5.647638	50.0	2892404.0	0.564764	Y
5	IC 280-522238/17	50.0	29.09813	50.0	3000722.0	0.581963	Y
6	IC 280-522238/16	75.0	43.615443	50.0	3023123.0	0.581539	Y
7	IC 280-522238/15	100.0	59.775633	50.0	2991622.0	0.597756	Y
8	IC 280-522238/14	200.0	122.872746	50.0	3017823.0	0.614364	Y



Calibration

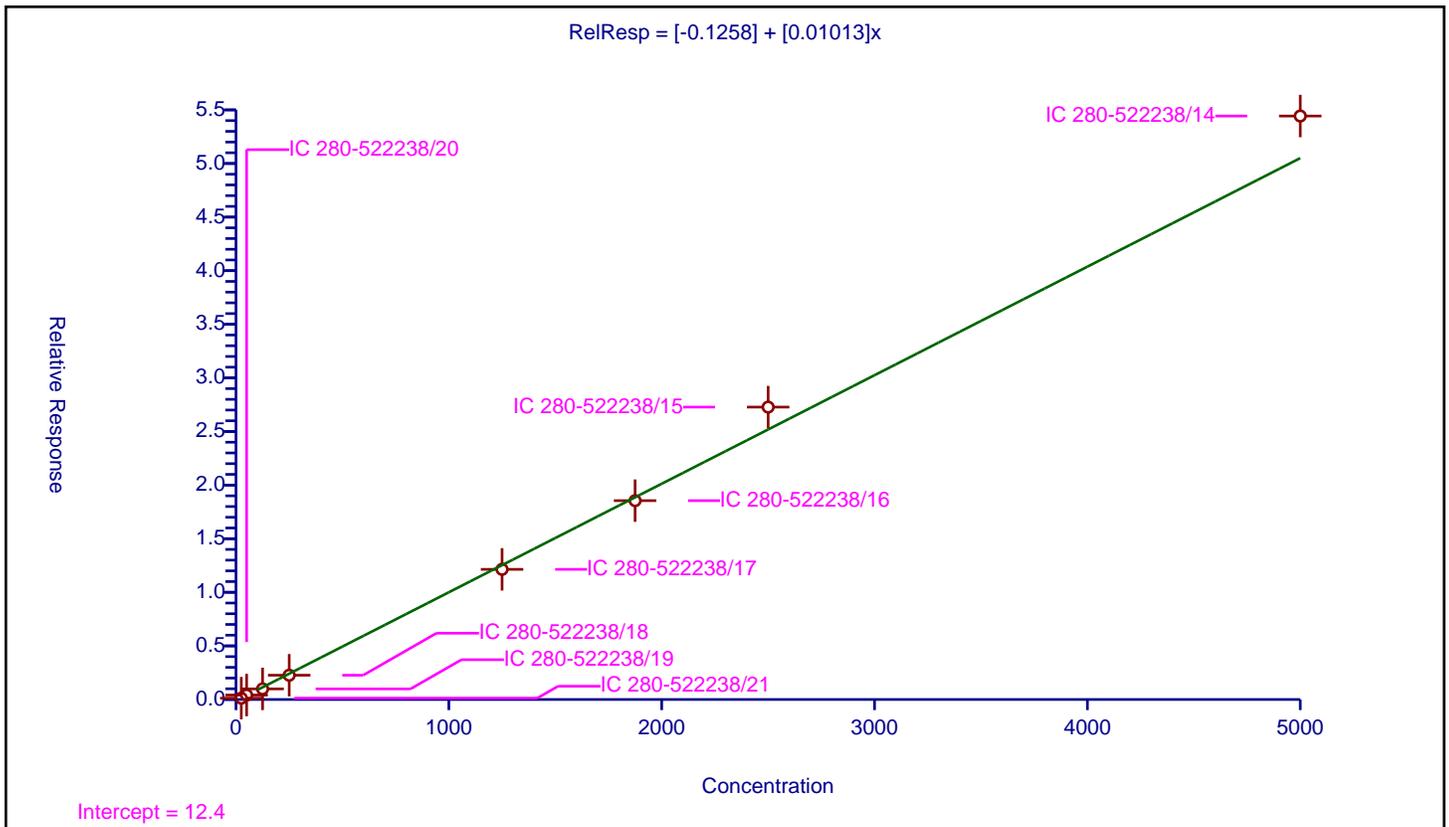
/ n-Butanol

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.1258
Slope:	0.01013

Error Coefficients	
Standard Error:	1590000
Relative Standard Error:	7.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	25.0	0.126113	50.0	2802637.0	0.005045	Y
2	IC 280-522238/20	50.0	0.414658	50.0	2832092.0	0.008293	Y
3	IC 280-522238/19	125.0	0.988518	50.0	2856853.0	0.007908	Y
4	IC 280-522238/18	250.0	2.263152	50.0	2892404.0	0.009053	Y
5	IC 280-522238/17	1250.0	12.140062	50.0	3000722.0	0.009712	Y
6	IC 280-522238/16	1875.0	18.548336	50.0	3023123.0	0.009892	Y
7	IC 280-522238/15	2500.0	27.274502	50.0	2991622.0	0.01091	Y
8	IC 280-522238/14	5000.0	54.428176	50.0	3017823.0	0.010886	Y



**Calibration**

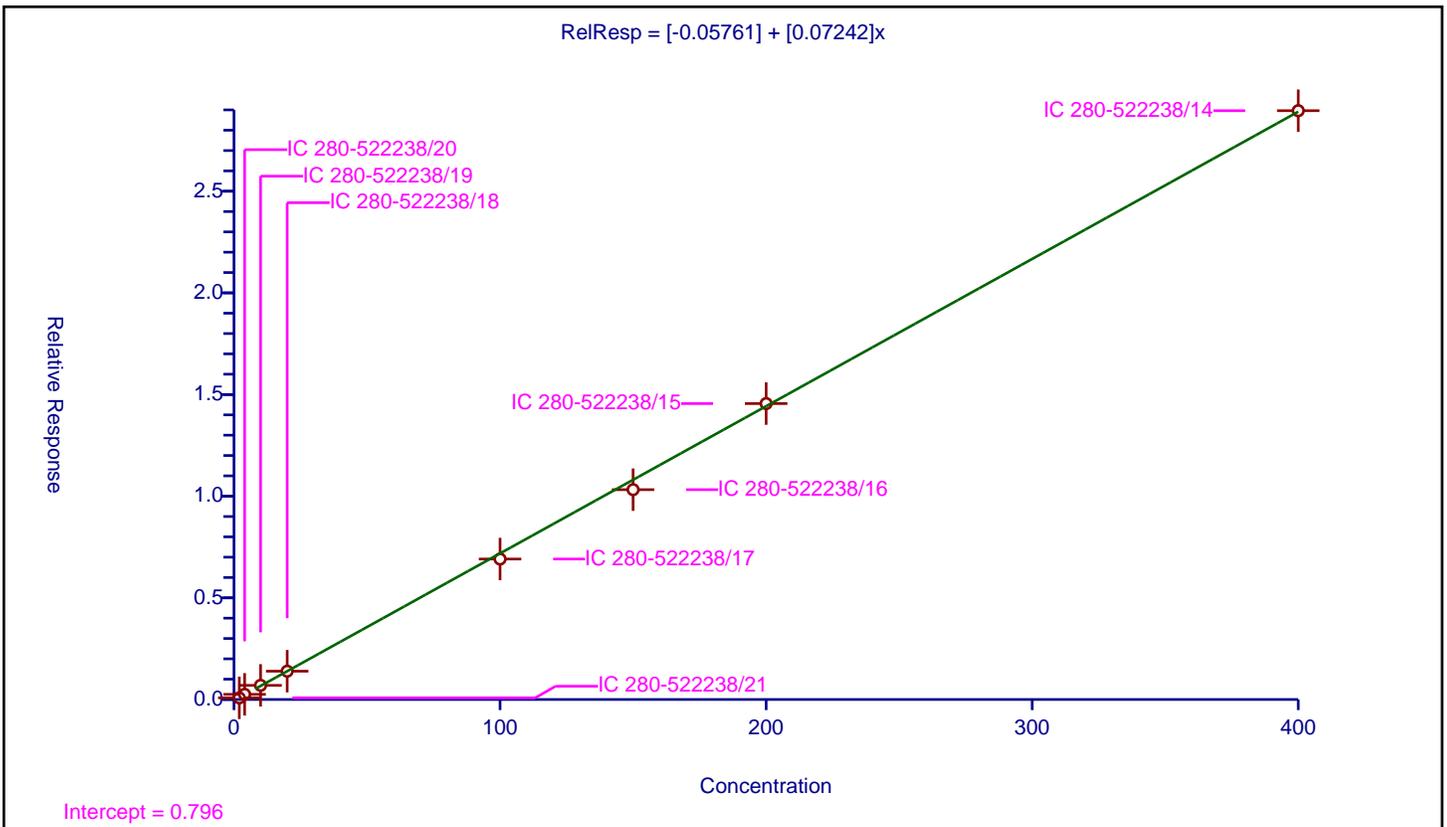
/ Methyl methacrylate

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.05761
Slope:	0.07242

Error Coefficients	
Standard Error:	855000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	2.0	0.080799	50.0	2802637.0	0.040399	Y
2	IC 280-522238/20	4.0	0.253735	50.0	2832092.0	0.063434	Y
3	IC 280-522238/19	10.0	0.696221	50.0	2856853.0	0.069622	Y
4	IC 280-522238/18	20.0	1.392319	50.0	2892404.0	0.069616	Y
5	IC 280-522238/17	100.0	6.908487	50.0	3000722.0	0.069085	Y
6	IC 280-522238/16	150.0	10.320387	50.0	3023123.0	0.068803	Y
7	IC 280-522238/15	200.0	14.554496	50.0	2991622.0	0.072772	Y
8	IC 280-522238/14	400.0	28.960313	50.0	3017823.0	0.072401	Y



Calibration

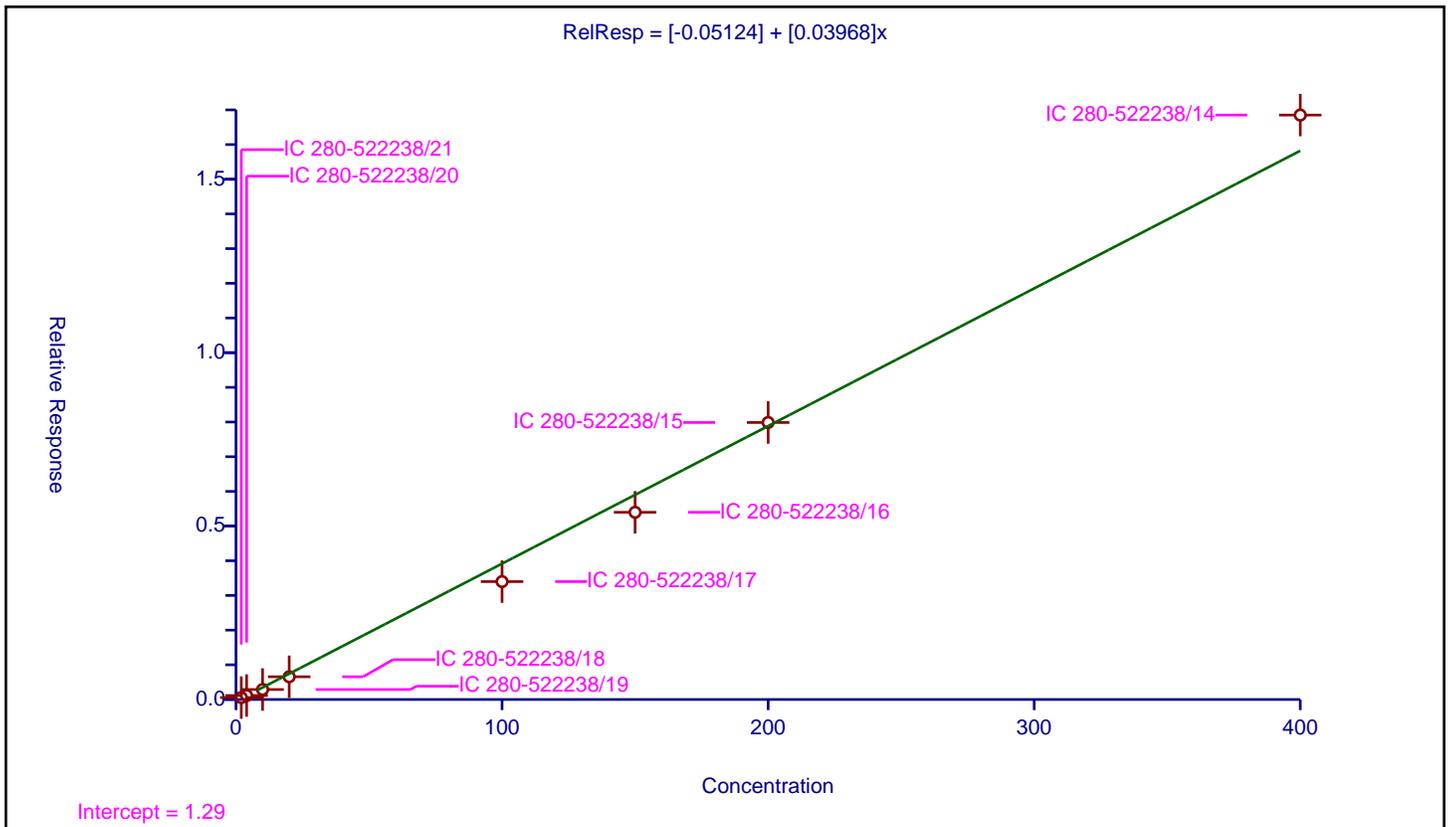
/ 2-Nitropropane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.05124
Slope:	0.03968

Error Coefficients	
Standard Error:	485000
Relative Standard Error:	17.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	2.0	0.055715	50.0	2802637.0	0.027858	Y
2	IC 280-522238/20	4.0	0.114527	50.0	2832092.0	0.028632	Y
3	IC 280-522238/19	10.0	0.287992	50.0	2856853.0	0.028799	Y
4	IC 280-522238/18	20.0	0.655424	50.0	2892404.0	0.032771	Y
5	IC 280-522238/17	100.0	3.399282	50.0	3000722.0	0.033993	Y
6	IC 280-522238/16	150.0	5.397779	50.0	3023123.0	0.035985	Y
7	IC 280-522238/15	200.0	7.986621	50.0	2991622.0	0.039933	Y
8	IC 280-522238/14	400.0	16.85069	50.0	3017823.0	0.042127	Y



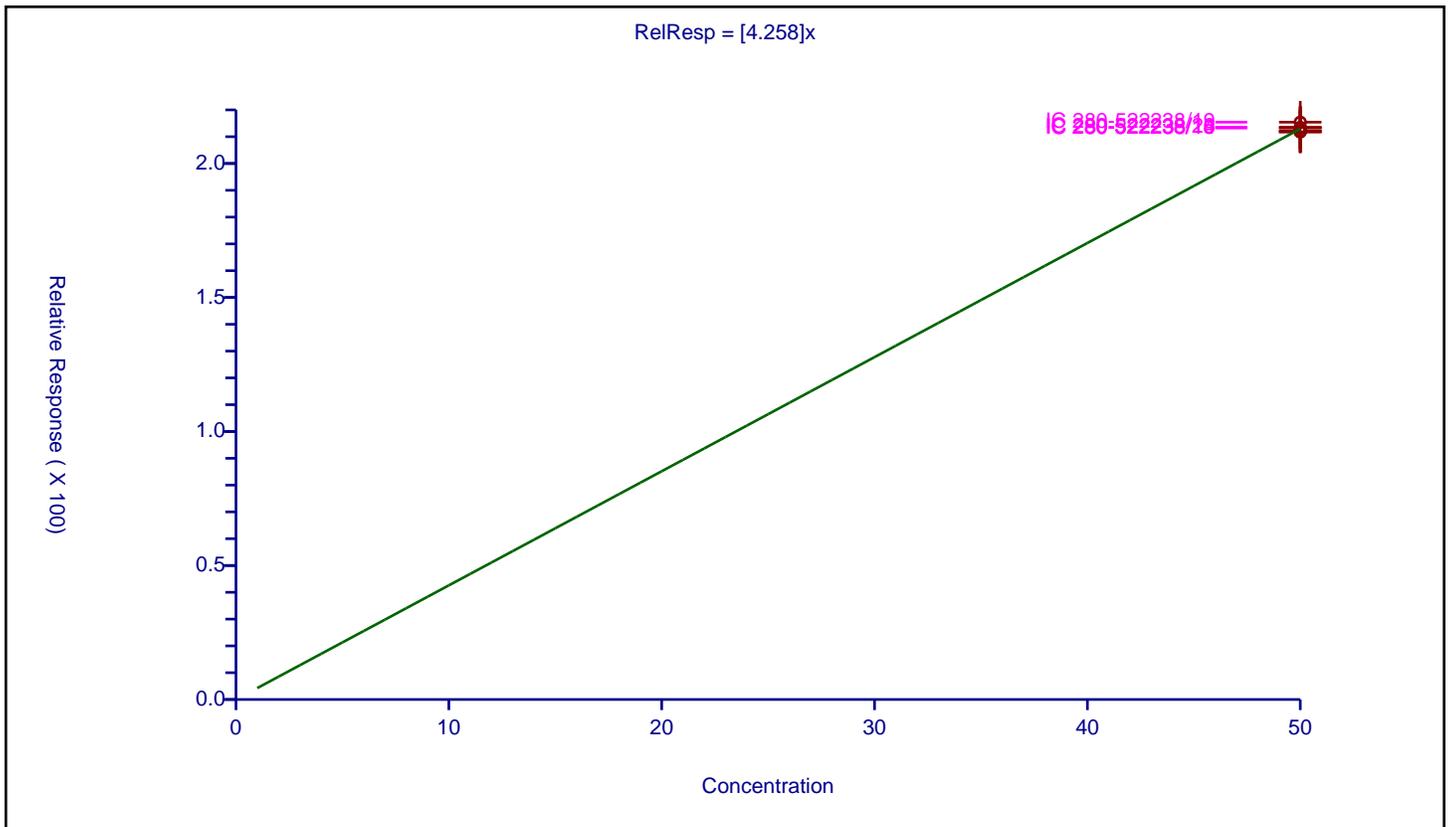
**Calibration**

/ Toluene-d8 (Surr)

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
Intercept:	0
Slope:	4.258
Error Coefficients	
Standard Error:	3040000
Relative Standard Error:	0.6
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0.0000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/14	50.0	213.346605	50.0	698245.0	4.266932	Y
2	IC 280-522238/15	50.0	213.290322	50.0	690905.0	4.265806	Y
3	IC 280-522238/16	50.0	212.012232	50.0	693772.0	4.240245	Y
4	IC 280-522238/17	50.0	212.139062	50.0	683047.0	4.242781	Y
5	IC 280-522238/18	50.0	211.773054	50.0	656049.0	4.235461	Y
6	IC 280-522238/19	50.0	215.419242	50.0	641134.0	4.308385	Y
7	IC 280-522238/20	50.0	213.46802	50.0	640302.0	4.26936	Y
8	IC 280-522238/21	50.0	211.873811	50.0	640342.0	4.237476	Y



Calibration

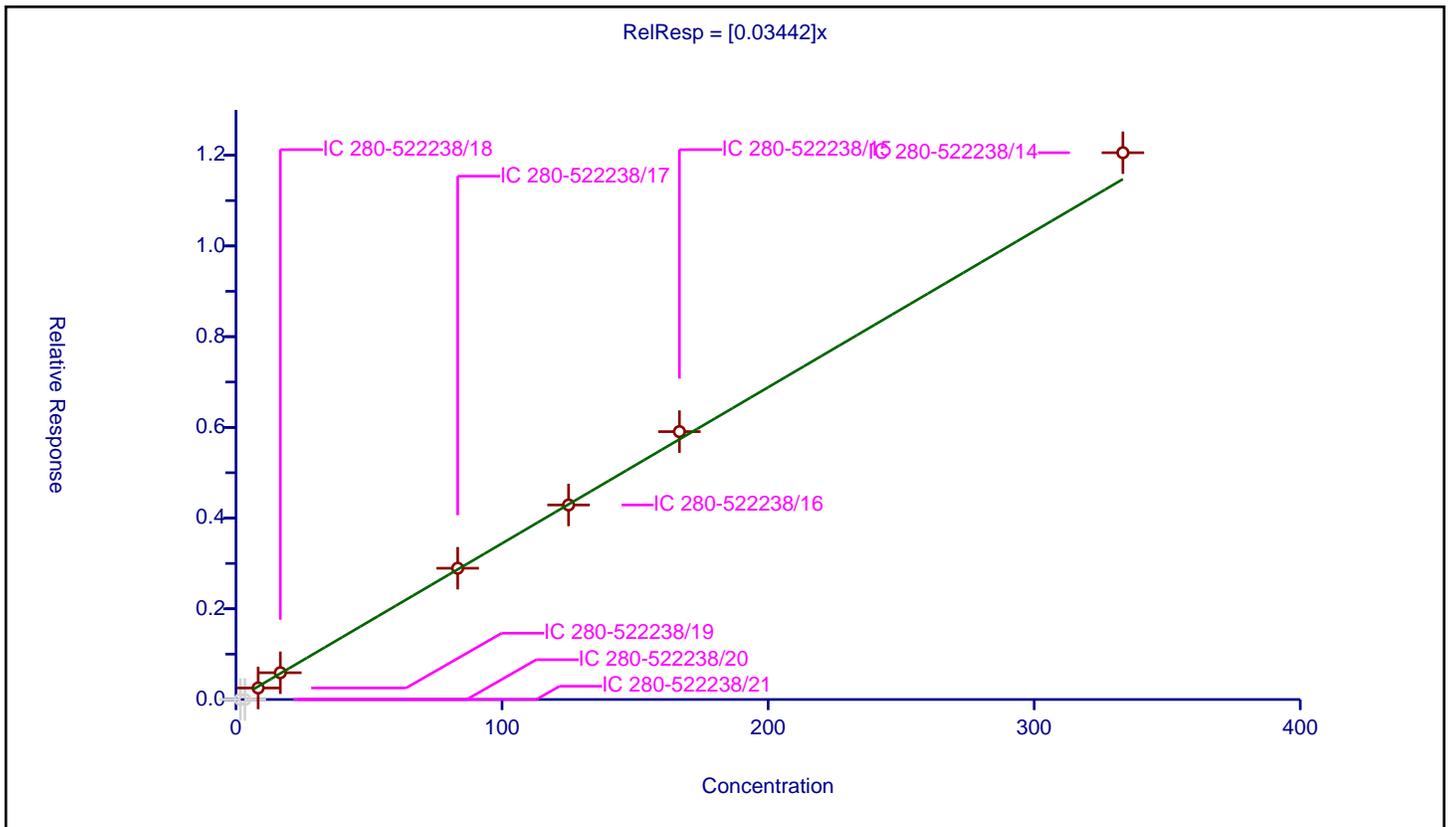
/ Tetrahydrothiophene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03442

Error Coefficients	
Standard Error:	89600
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	1.666667	0.0	50.0	640342.0	0.0	N
2	IC 280-522238/20	3.333333	0.0	50.0	640302.0	0.0	N
3	IC 280-522238/19	8.333333	0.253769	50.0	641134.0	0.030452	Y
4	IC 280-522238/18	16.666667	0.590124	50.0	656049.0	0.035407	Y
5	IC 280-522238/17	83.333333	2.89431	50.0	683047.0	0.034732	Y
6	IC 280-522238/16	125.0	4.289377	50.0	693772.0	0.034315	Y
7	IC 280-522238/15	166.666667	5.906239	50.0	690905.0	0.035437	Y
8	IC 280-522238/14	333.333333	12.055654	50.0	698245.0	0.036167	Y



Calibration

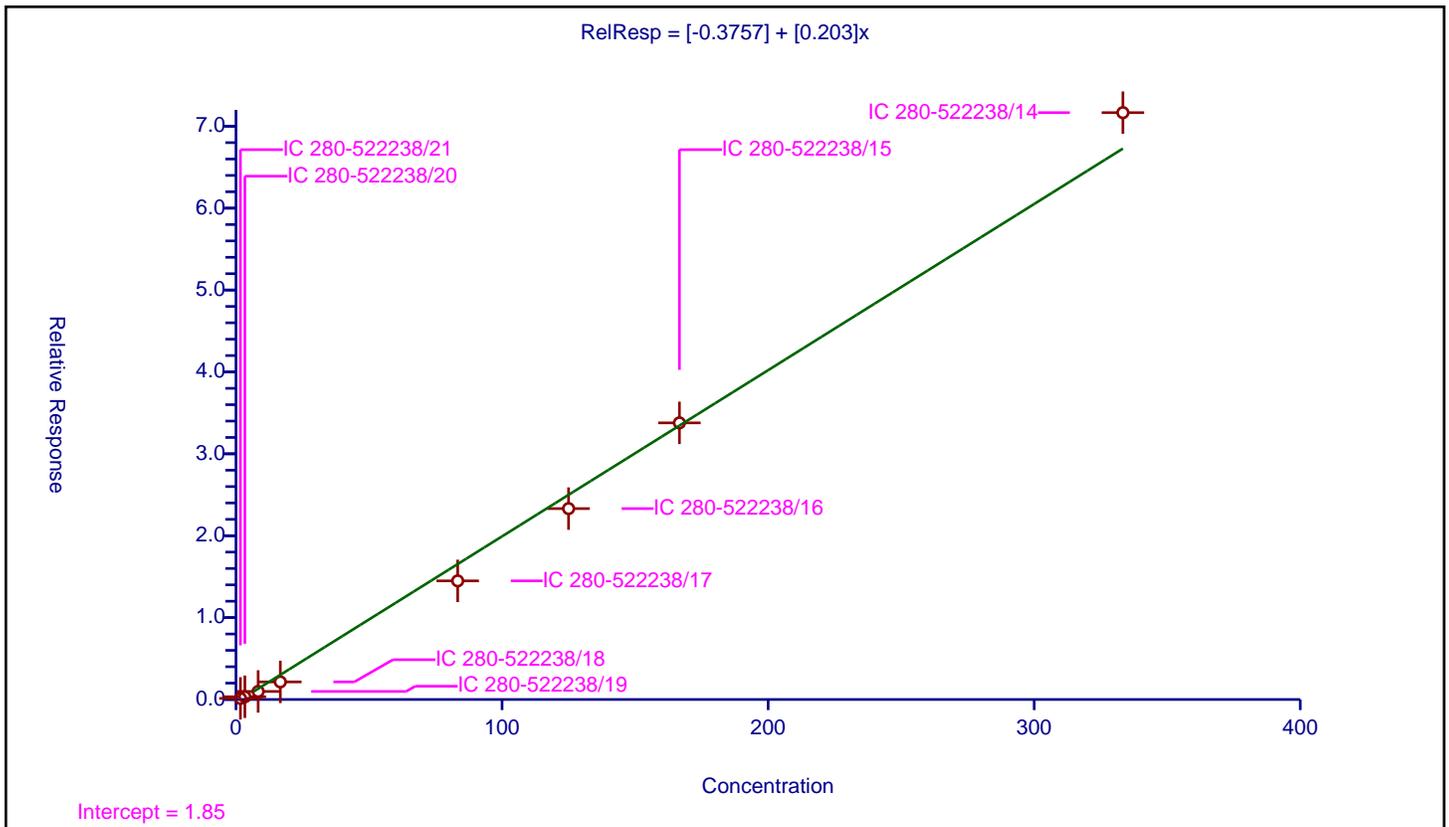
/ cis-1,4-Dichloro-2-butene

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.3757
Slope:	0.203

Error Coefficients	
Standard Error:	743000
Relative Standard Error:	25.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	1.666667	0.13696	50.0	1016717.0	0.082176	Y
2	IC 280-522238/20	3.333333	0.332801	50.0	1010364.0	0.09984	Y
3	IC 280-522238/19	8.333333	0.983282	50.0	1021324.0	0.117994	Y
4	IC 280-522238/18	16.666667	2.149894	50.0	1043819.0	0.128994	Y
5	IC 280-522238/17	83.333333	14.483617	50.0	1067734.0	0.173803	Y
6	IC 280-522238/16	125.0	23.31041	50.0	1088992.0	0.186483	Y
7	IC 280-522238/15	166.666667	33.780573	50.0	1066021.0	0.202683	Y
8	IC 280-522238/14	333.333333	71.662838	50.0	1090028.0	0.214989	Y



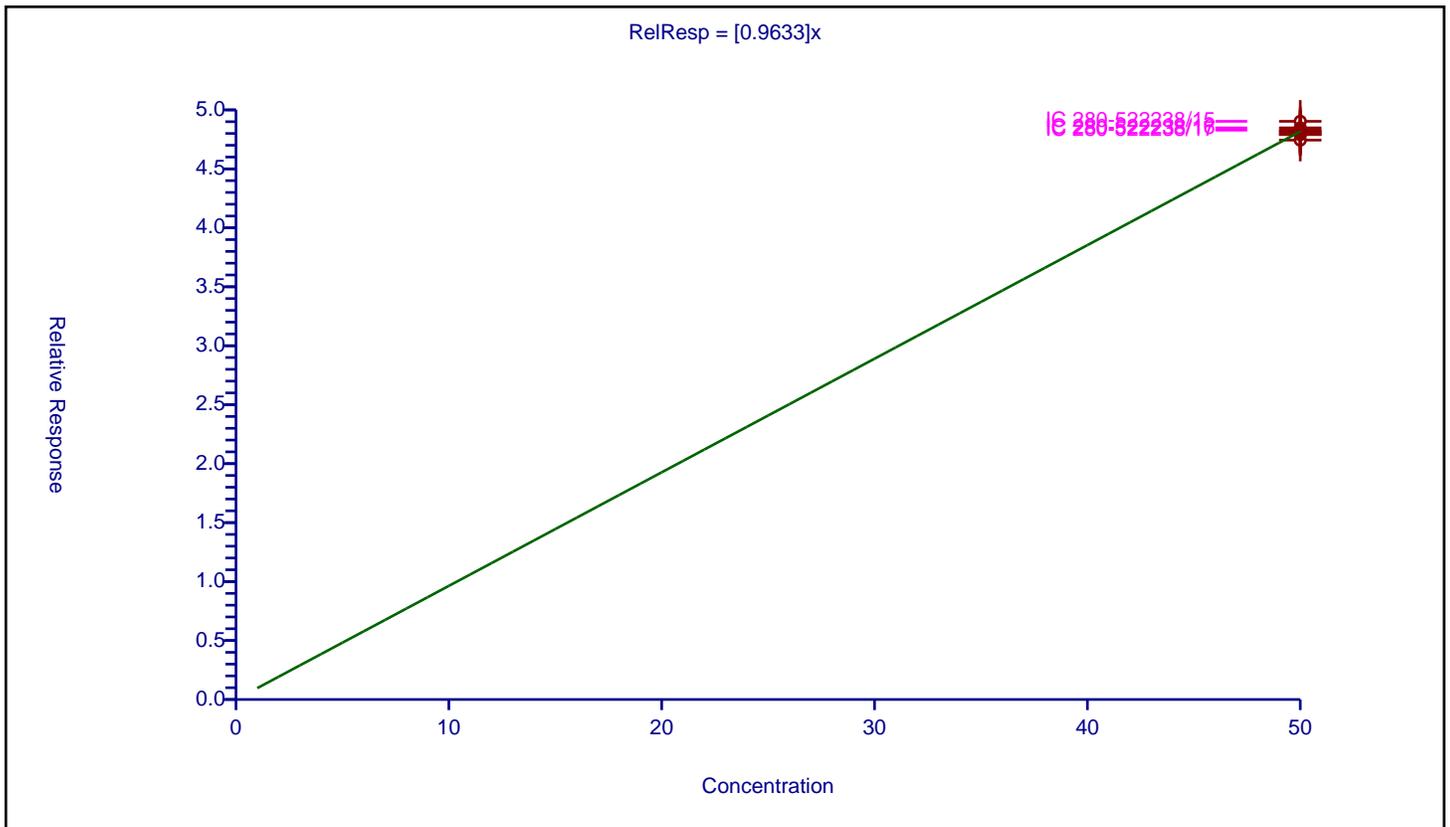
**Calibration**

**/ 4-Bromofluorobenzene (Surr)**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
Intercept:	0
Slope:	0.9633
Error Coefficients	
Standard Error:	1080000
Relative Standard Error:	1.0
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0.0000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/14	50.0	48.101425	50.0	1090028.0	0.962028	Y
2	IC 280-522238/15	50.0	49.031914	50.0	1066021.0	0.980638	Y
3	IC 280-522238/16	50.0	48.47717	50.0	1088992.0	0.969543	Y
4	IC 280-522238/17	50.0	48.283655	50.0	1067734.0	0.965673	Y
5	IC 280-522238/18	50.0	47.903564	50.0	1043819.0	0.958071	Y
6	IC 280-522238/19	50.0	47.436759	50.0	1021324.0	0.948735	Y
7	IC 280-522238/20	50.0	48.16002	50.0	1010364.0	0.9632	Y
8	IC 280-522238/21	50.0	47.927398	50.0	1016717.0	0.958548	Y



Calibration

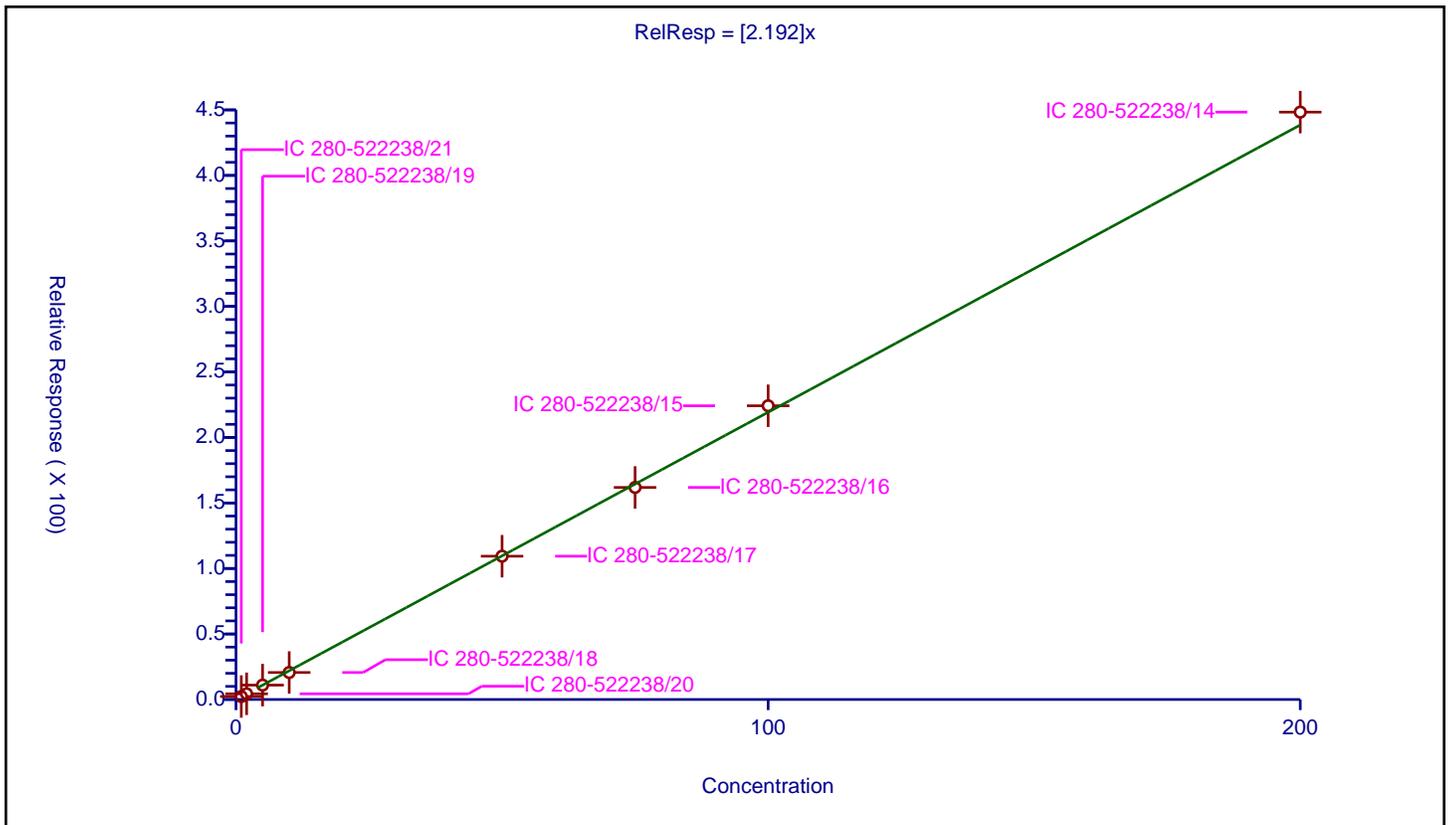
/ 1,2,3-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.192

Error Coefficients	
Standard Error:	4420000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	1.0	2.276494	50.0	1016717.0	2.276494	Y
2	IC 280-522238/20	2.0	4.349373	50.0	1010364.0	2.174687	Y
3	IC 280-522238/19	5.0	10.987796	50.0	1021324.0	2.197559	Y
4	IC 280-522238/18	10.0	20.61708	50.0	1043819.0	2.061708	Y
5	IC 280-522238/17	50.0	109.380005	50.0	1067734.0	2.1876	Y
6	IC 280-522238/16	75.0	161.852612	50.0	1088992.0	2.158035	Y
7	IC 280-522238/15	100.0	224.172272	50.0	1066021.0	2.241723	Y
8	IC 280-522238/14	200.0	448.305915	50.0	1090028.0	2.24153	Y



**Calibration**

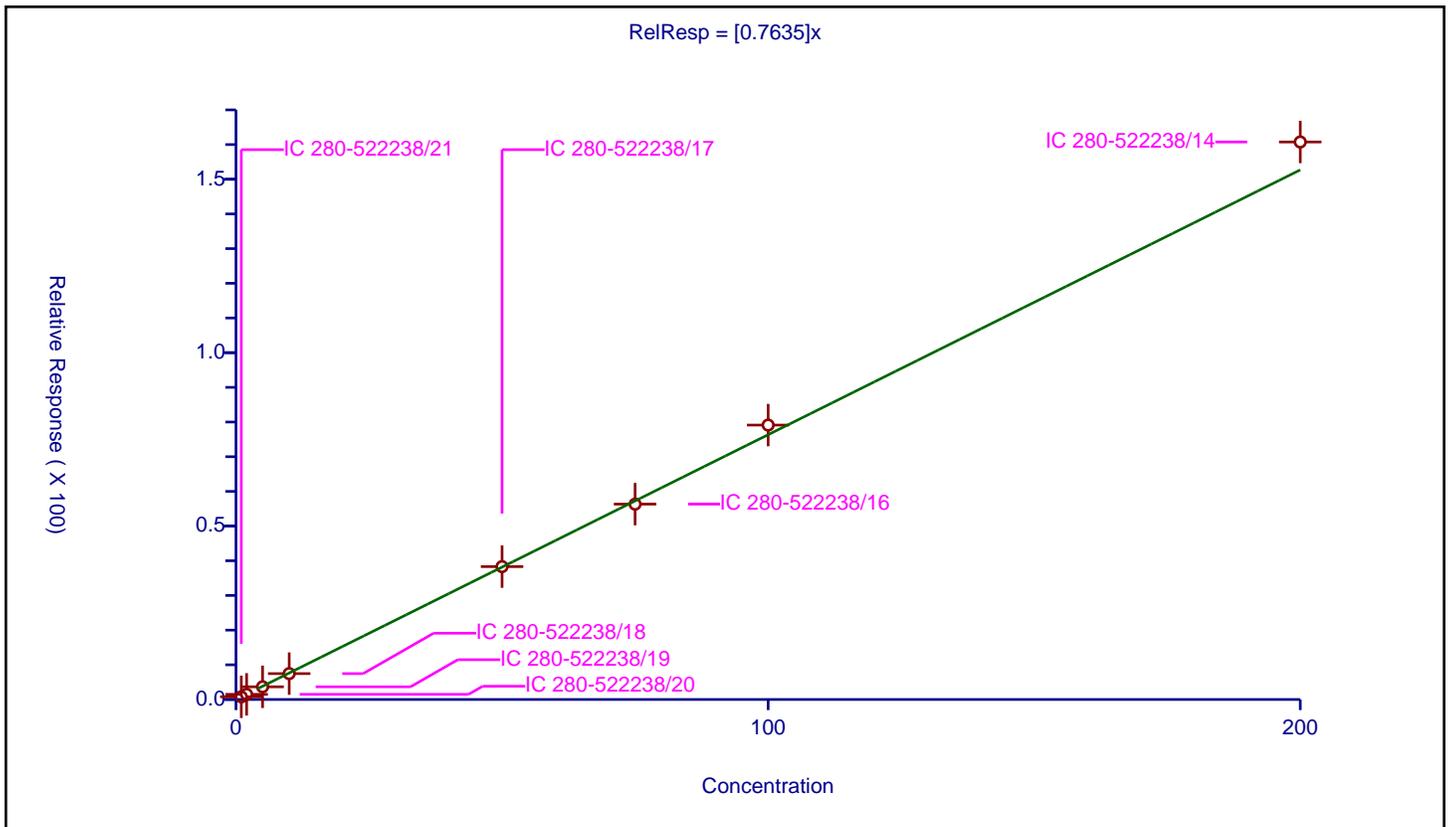
**/ 1,3,5-Trichlorobenzene**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
Intercept:	0
Slope:	0.7635

Error Coefficients	
Standard Error:	1570000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-522238/21	1.0	0.772978	50.0	1016717.0	0.772978	Y
2	IC 280-522238/20	2.0	1.488226	50.0	1010364.0	0.744113	Y
3	IC 280-522238/19	5.0	3.659955	50.0	1021324.0	0.731991	Y
4	IC 280-522238/18	10.0	7.464513	50.0	1043819.0	0.746451	Y
5	IC 280-522238/17	50.0	38.314365	50.0	1067734.0	0.766287	Y
6	IC 280-522238/16	75.0	56.328972	50.0	1088992.0	0.751053	Y
7	IC 280-522238/15	100.0	79.123254	50.0	1066021.0	0.791233	Y
8	IC 280-522238/14	200.0	160.748302	50.0	1090028.0	0.803742	Y



FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531788

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2021 17:08 Calibration End Date: 04/07/2021 20:12 Calibration ID: 52205

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-531788/21	R4718.D
Level 2	IC 280-531788/20	R4717.D
Level 3	IC 280-531788/19	R4716.D
Level 4	IC 280-531788/18	R4715.D
Level 5	IC 280-531788/17	R4714.D
Level 6	ICIS 280-531788/16	R4713.D
Level 7	IC 280-531788/15	R4712.D
Level 8	IC 280-531788/14	R4711.D
Level 9	IC 280-531788/13	R4710.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Dichlorodifluoromethane	0.1909 0.2354	0.1614 0.2672	0.1632 0.2364	0.2769 0.2627	0.2709	Lin1	-0.06 0	0.255 3						0.9970		0.9900	
Chloromethane	0.3394 0.3112	0.2899 0.3331	0.2910 0.3039	0.3613 0.3279	0.3466	Ave		0.322 7		0.1000	7.8		15.0				
Vinyl chloride	0.2660 0.2649	0.2267 0.2879	0.2300 0.2635	0.3105 0.2863	0.3001	Ave		0.270 6			10.7		30.0				
Bromomethane	0.2380 0.1500	0.1869 0.1579	0.1740 0.1434	0.1827 0.1285	0.1781	Lin1	0.072 7	0.140 0						0.9920		0.9900	
Chloroethane	0.1603 0.1528	0.1409 0.1652	0.1410 0.1505	0.1769 0.1506	0.1739	Ave		0.156 9			8.4		15.0				
Dichlorofluoromethane	0.3691 0.3499	0.3316 0.3792	0.3493 0.3487	0.4104 0.3608	0.3924	Ave		0.365 7			6.8		15.0				
Trichlorofluoromethane	0.2788 0.2887	0.2586 0.3263	0.2586 0.2876	0.3406 0.3137	0.3256	Ave		0.297 6			10.1		15.0				
Ethyl ether	0.1507 0.1878	0.1593 0.2114	0.1554 0.1866	0.1796 0.1857	0.1831	Ave		0.177 7			10.9		15.0				
Acrolein	0.0430 0.0519	0.0434 0.0607	0.0443 0.0525	0.0490 0.0528	0.0494	Ave		0.049 7			11.4		15.0				
1,1,2-Trichlorotrifluoroethane	0.1021 0.1368	0.1064 0.1539	0.1048 0.1392	0.1243 0.1418	0.1396	Ave		0.127 7			14.9		15.0				
1,1-Dichloroethene	0.1577 0.1846	0.1447 0.2061	0.1546 0.1905	0.1826 0.1929	0.1853	Ave		0.177 7			11.5		30.0				
Acetone	0.0874 0.0757	0.0746 0.0882	0.0759 0.0770	0.0746 0.0765	0.0751	Ave		0.078 3			7.0		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531788

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2021 17:08 Calibration End Date: 04/07/2021 20:12 Calibration ID: 52205

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Iodomethane	0.2812 0.2421	0.2281 0.2742	0.2022 0.2518	0.2198 0.2691	0.2299	Ave		0.244 3			11.0		15.0				
Carbon disulfide	0.6020 0.6091	0.5162 0.6797	0.5133 0.6229	0.5745 0.6445	0.6193	Ave		0.597 9			9.2		15.0				
Methyl acetate	0.1752 0.1946	0.1761 0.2223	0.1760 0.1932	0.1921 0.1864	0.1895	Ave		0.189 5			7.7		15.0				
Allyl chloride	0.2744 0.3026	0.2421 0.3274	0.2619 0.2981	0.2785 0.2947	0.3017	Ave		0.286 8			8.8		15.0				
Methylene Chloride	0.2838 0.2238	0.2210 0.2496	0.2304 0.2222	0.2228 0.2249	0.2262	Ave		0.233 8			8.8		15.0				
Tert-butyl alcohol (2-methyl-2-propanol)	0.0210 0.0305	0.0227 0.0363	0.0242 0.0315	0.0262 0.0305	0.0270	Lin1	-0.09 2	0.031 7						0.9950		0.9900	
Acrylonitrile	0.1004 0.1121	0.1026 0.1281	0.1060 0.1105	0.1107 0.1095	0.1091	Ave		0.109 9			7.2		15.0				
Methyl tert-butyl ether	0.5718 0.6385	0.5323 0.7234	0.5635 0.6342	0.6127 0.6403	0.6076	Ave		0.613 8			9.1		15.0				
trans-1,2-Dichloroethene	0.1418 0.2129	0.1875 0.2351	0.1808 0.2133	0.1983 0.2170	0.2165	Ave		0.200 3			13.7		15.0				
Hexane	1.0438 1.3158	0.9456 1.4331	1.0147 1.3341	1.2202 1.3745	1.3235	Ave		1.222 8			14.5		15.0				
Vinyl acetate	0.3400 0.5057	0.3422 0.5721	0.3826 0.5081	0.4301 0.5068	0.4661	Lin1	-0.31 8	0.518 4						0.9970		0.9900	
1,1-Dichloroethane	0.3585 0.3836	0.3336 0.4180	0.3505 0.3778	0.3761 0.3827	0.3864	Ave		0.374 1		0.1000	6.5		15.0				
2-Butanone (MEK)	0.1049 0.1306	0.1116 0.1505	0.1160 0.1303	0.1270 0.1276	0.1250	Ave		0.124 8			10.5		15.0				
cis-1,2-Dichloroethene	0.2246 0.2392	0.2076 0.2623	0.2169 0.2394	0.2287 0.2399	0.2410	Ave		0.233 3			6.8		15.0				
2,2-Dichloropropane	0.2212 0.2969	0.2147 0.3366	0.2322 0.3096	0.2666 0.3172	0.2859	Lin1	-0.09 5	0.316 4						0.9980		0.9900	
sec-Butyl Alcohol	0.0154 0.0261	0.0162 0.0311	0.0178 0.0268	0.0208 0.0265	0.0215	Lin1	-0.27 1	0.027 3						0.9950		0.9900	
Chlorobromomethane	0.0972 0.1079	0.0938 0.1224	0.1062 0.1089	0.1081 0.1093	0.1100	Ave		0.107 1			7.6		15.0				
Tetrahydrofuran	0.0755 0.0887	0.0749 0.1014	0.0833 0.0870	0.0790 0.0864	0.0836	Ave		0.084 4			9.5		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531788

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2021 17:08 Calibration End Date: 04/07/2021 20:12 Calibration ID: 52205

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Chloroform	0.3240 0.3694	0.3302 0.4071	0.3360 0.3692	0.3573 0.3708	0.3705	Ave		0.359 4			7.2		30.0				
1,1,1-Trichloroethane	0.2653 0.3089	0.2503 0.3469	0.2600 0.3154	0.2893 0.3215	0.3054	Ave		0.295 9			10.8		15.0				
Cyclohexane	0.3487 0.3872	0.3111 0.4327	0.3098 0.3941	0.3733 0.4053	0.3972	Ave		0.373 3			11.3		15.0				
1,1-Dichloropropene	0.2788 0.3191	0.2642 0.3501	0.2530 0.3199	0.3025 0.3275	0.3152	Ave		0.303 4			10.5		15.0				
Carbon tetrachloride	0.2018 0.2540	0.1977 0.2875	0.1980 0.2639	0.2259 0.2724	0.2440	Ave		0.238 4			14.3		15.0				
Isobutyl alcohol	0.0064 0.0106	0.0072 0.0121	0.0084 0.0105	0.0089 0.0107	0.0089	Lin1	-0.09 1	0.010 9						0.9960		0.9900	
Benzene	0.8670 0.9314	0.8465 1.0271	0.8584 0.9305	0.9058 0.9447	0.9366	Ave		0.916 4			6.1		15.0				
1,2-Dichloroethane	0.2979 0.2784	0.2865 0.3151	0.2683 0.2767	0.2852 0.2806	0.2819	Ave		0.285 6			4.8		15.0				
n-Heptane	0.2248 0.2473	0.1931 0.2785	0.1899 0.2528	0.2221 0.2674	0.2408	Ave		0.235 2			13.0		15.0				
Trichloroethene	0.9695 0.9858	0.8490 1.0697	0.8973 0.9903	0.9604 0.9868	0.9912	Ave		0.966 7			6.5		15.0				
2-Pentanone	0.1431 0.2085	0.1418 0.2433	0.1631 0.2110	0.1772 0.2107	0.1862	Lin1	-0.21 6	0.216 0						0.9960		0.9900	
Methylcyclohexane	0.1588 0.2831	0.2234 0.3134	0.2157 0.2848	0.2587 0.2962	0.2855	Lin2	-0.06 8	0.286 8						0.9950		0.9900	
1,2-Dichloropropane	0.1849 0.2380	0.2170 0.2650	0.2136 0.2361	0.2305 0.2419	0.2360	Ave		0.229 2			9.7		30.0				
1,4-Dioxane	0.0022 0.0042	0.0025 0.0048	0.0035 0.0042	0.0034 0.0041	0.0039	Lin2	-0.02 2	0.004 1						0.9900		0.9900	
Dibromomethane	0.1378 0.1419	0.1262 0.1617	0.1396 0.1419	0.1360 0.1436	0.1405	Ave		0.141 0			6.6		15.0				
Dichlorobromomethane	0.1585 0.2791	0.2180 0.3183	0.2352 0.2829	0.2473 0.2906	0.2575	Lin2	-0.06 5	0.281 8						0.9950		0.9900	
2-Chloroethyl vinyl ether	0.1291 0.1723	0.1450 0.2015	0.1459 0.1768	0.1825 0.1828	0.1763	Ave		0.168 0			13.7		15.0				
cis-1,3-Dichloropropene	1.3475 1.6457	1.2826 1.8279	1.3497 1.6612	1.4418 1.6851	1.5381	Ave		1.531 1			12.2		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531788

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2021 17:08 Calibration End Date: 04/07/2021 20:12 Calibration ID: 52205

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
4-Methyl-2-pentanone (MIBK)	0.1771 0.2565	0.1900 0.3000	0.1963 0.2597	0.2242 0.2589	0.2336	Lin1	-0.30 8	0.265 8						0.9960		0.9900	
Toluene	0.9124 0.9816	0.8505 1.0874	0.8836 0.9861	0.9219 1.0119	0.9713	Ave		0.956 3		7.5		30.0					
trans-1,3-Dichloropropene	0.2407 0.3399	0.2364 0.3943	0.2646 0.3471	0.2830 0.3582	0.3052	Lin1	-0.12 1	0.359 3						0.9970		0.9900	
Ethyl methacrylate	0.9946 1.4387	0.9895 1.6497	1.0564 1.4615	1.2307 1.4566	1.3236	Lin1	-0.46 7	1.488 9						0.9970		0.9900	
1,1,2-Trichloroethane	0.1600 0.2080	0.1835 0.2403	0.1932 0.2085	0.1972 0.2106	0.2036	Ave		0.200 5		10.9		15.0					
Tetrachloroethene	0.6373 0.7410	0.6327 0.8114	0.6313 0.7509	0.6985 0.7722	0.7329	Ave		0.712 0		9.3		15.0					
1,3-Dichloropropane	1.4854 1.6557	1.5156 1.8512	1.5559 1.6603	1.5881 1.6471	1.6375	Ave		1.621 9		6.6		15.0					
2-Hexanone	0.5343 0.8037	0.5879 0.9209	0.6193 0.8096	0.7189 0.7969	0.7328	Lin2	-0.61 9	0.791 1						0.9910		0.9900	
Chlorodibromomethane	0.6162 0.9047	0.6161 1.0451	0.7137 0.9375	0.7757 0.9536	0.8291	Lin1	-0.32 3	0.959 4						0.9970		0.9900	
1,2-Dibromoethane	0.8745 0.9707	0.8361 1.1027	0.8809 0.9788	0.9304 0.9778	0.9472	Ave		0.944 3		8.3		15.0					
1-Chlorohexane	1.8656 1.3189	1.3996 1.4456	1.1849 1.3260	1.1973 1.3546	1.2964	Ave		1.376 6		14.7		15.0					
Chlorobenzene	2.5801 2.7250	2.4598 2.9766	2.5223 2.7335	2.6155 2.7598	2.7439	Ave		2.679 6		0.3000	5.8	15.0					
1,1,1,2-Tetrachloroethane	0.6145 0.8929	0.6320 0.9962	0.7066 0.9157	0.7838 0.9264	0.8284	Lin2	-0.17 0	0.883 4						0.9910		0.9900	
Ethylbenzene	1.5031 1.4937	1.2664 1.6346	1.3280 1.5002	1.4173 1.5289	1.4820	Ave		1.461 6		7.5		30.0					
m-Xylene & p-Xylene	1.4813 1.8425	1.6867 2.0111	1.6180 1.8372	1.7208 1.8626	1.8527	Ave		1.768 1		8.9		15.0					
o-Xylene	1.5840 1.7892	1.4807 1.9457	1.5389 1.7754	1.6734 1.7800	1.7535	Ave		1.702 3		8.6		15.0					
Styrene	2.6552 3.1197	2.5908 3.4153	2.6949 3.1047	2.8401 3.1183	3.0052	Ave		2.949 3		9.2		15.0					
Bromoform	++++ 0.6100	0.3772 0.7162	0.4172 0.6475	0.4854 0.6654	0.5235	Lin1	-0.47 6	0.665 3		0.1000				0.9970		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531788

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2021 17:08 Calibration End Date: 04/07/2021 20:12 Calibration ID: 52205

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Isopropylbenzene	2.4414 2.9084	2.2373 3.2085	2.4691 2.9652	2.7487 3.0589	2.8912	Ave		2.769 9			11.6		15.0				
Cyclohexanone	0.0339 0.0530	0.0354 0.0605	0.0401 0.0534	0.0448 0.0505	0.0474	Lin1	-0.62 2	0.053 2						0.9950		0.9900	
1,1,2,2-Tetrachloroethane	0.7235 0.8888	0.7520 1.0263	0.8268 0.9081	0.8660 0.9158	0.8657	Ave		0.863 7		0.3000	10.5		15.0				
Bromobenzene	0.6351 0.6822	0.6165 0.7640	0.6259 0.6946	0.6670 0.7110	0.6618	Ave		0.673 1			6.9		15.0				
trans-1,4-Dichloro-2-butene	++++ 0.2362	0.1778 0.2808	0.1767 0.2535	0.2107 0.2584	0.2102	Lin1	-0.14 5	0.259 0						0.9970		0.9900	
1,2,3-Trichloropropane	0.1297 0.2656	0.2387 0.3024	0.2408 0.2701	0.2594 0.2722	0.2553	Lin2	-0.06 7	0.277 0						0.9960		0.9900	
N-Propylbenzene	0.6496 0.8026	0.6632 0.8818	0.6707 0.8154	0.7530 0.8422	0.7758	Ave		0.761 6			11.0		15.0				
2-Chlorotoluene	0.6089 0.6840	0.5761 0.7520	0.6215 0.6948	0.6579 0.7076	0.6694	Ave		0.663 6			8.2		15.0				
1,3,5-Trimethylbenzene	1.9218 2.4089	1.8699 2.6457	1.9791 2.4412	2.3072 2.4812	2.3375	Ave		2.265 8			12.1		15.0				
4-Chlorotoluene	0.6221 0.7205	0.5655 0.7888	0.6272 0.7187	0.7027 0.7386	0.7129	Ave		0.688 6			10.1		15.0				
tert-Butylbenzene	1.7302 2.0299	1.5776 2.2339	1.6672 2.0534	1.9115 2.0903	1.9977	Ave		1.921 3			11.4		15.0				
1,2,4-Trimethylbenzene	1.9162 2.5002	1.9740 2.7382	2.0956 2.5005	2.3602 2.5168	2.4079	Ave		2.334 4			11.9		15.0				
sec-Butylbenzene	0.4264 0.5941	0.4367 0.6513	0.4570 0.6022	0.5258 0.6060	0.5801	Lin2	-0.10 3	0.586 1						0.9920		0.9900	
1,3-Dichlorobenzene	1.2107 1.3233	1.1806 1.4674	1.2055 1.3330	1.2701 1.3475	1.3272	Ave		1.296 2			6.9		15.0				
4-Isopropyltoluene	2.0335 2.5597	1.9371 2.8092	2.1072 2.5721	2.3140 2.6221	2.4879	Ave		2.382 5			12.6		15.0				
1,4-Dichlorobenzene	1.3356 1.3567	1.2637 1.4988	1.2527 1.3521	1.3496 1.3695	1.3358	Ave		1.346 1			5.2		15.0				
n-Butylbenzene	1.8221 2.2943	1.7158 2.5093	1.7673 2.2960	2.0735 2.3932	2.2258	Ave		2.121 9			13.7		15.0				
1,2-Dichlorobenzene	1.1483 1.2732	1.0903 1.4224	1.1863 1.2811	1.2435 1.3094	1.2540	Ave		1.245 4			7.8		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531788

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2021 17:08 Calibration End Date: 04/07/2021 20:12 Calibration ID: 52205

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
1,2-Dibromo-3-Chloropropane	++++ 0.2032	0.0855 0.2378	0.1030 0.2139	0.1749 0.2184	0.1715	Lin1	-0.19 0	0.220 0						0.9970		0.9900	
1,2,4-Trichlorobenzene	0.7480 0.8085	0.7033 0.9084	0.7015 0.8148	0.7698 0.8248	0.7905	Ave		0.785 5			8.2		15.0				
Hexachlorobutadiene	0.2378 0.2910	0.2356 0.3278	0.2461 0.2963	0.2570 0.3094	0.2929	Ave		0.277 1			12.1		15.0				
Naphthalene	2.1946 2.7211	2.0707 3.1193	2.2307 2.7712	2.4484 2.7482	2.5581	Ave		2.540 3			13.3		15.0				
1,2,3-Trichlorobenzene	0.5961 0.7557	0.4125 0.8460	0.6847 0.7558	0.7199 0.7606	0.7475	Lin1	-0.18 1	0.775 0						0.9980		0.9900	
Dibromofluoromethane (Surr)	0.2313 0.2306	0.2320 0.2321	0.2315 0.2328	0.2319 0.2310	0.2303	Ave		0.231 5			0.3		15.0				
1,2-Dichloroethane-d4 (Surr)	0.2522 0.2484	0.2549 0.2472	0.2521 0.2468	0.2511 0.2412	0.2488	Ave		0.249 2			1.6		15.0				
Toluene-d8 (Surr)	4.2368 4.2333	4.2364 4.1995	4.2513 4.2413	4.2216 4.1994	4.2627	Ave		4.231 4			0.5		15.0				
4-Bromofluorobenzene (Surr)	0.9874 0.9754	0.9803 0.9729	0.9845 0.9674	1.0051 0.9821	0.9922	Ave		0.983 0			1.1		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531788

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2021 17:08 Calibration End Date: 04/07/2021 20:12 Calibration ID: 52205

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-531788/21	R4718.D
Level 2	IC 280-531788/20	R4717.D
Level 3	IC 280-531788/19	R4716.D
Level 4	IC 280-531788/18	R4715.D
Level 5	IC 280-531788/17	R4714.D
Level 6	ICIS 280-531788/16	R4713.D
Level 7	IC 280-531788/15	R4712.D
Level 8	IC 280-531788/14	R4711.D
Level 9	IC 280-531788/13	R4710.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Lin1	4445 555202	7657 923721	15181 1067684	64600 2383712	126207	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Chloromethane	FB	Ave	7901 733713	13749 1151540	27070 1372623	84301 2975291	161469	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Vinyl chloride	FB	Ave	6192 624634	10751 995158	21394 1190255	72444 2597518	139774	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Bromomethane	FB	Lin1	5541 353817	8863 545834	16190 647565	42628 1166022	82979	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Chloroethane	FB	Ave	3733 360379	6685 571108	13118 679684	41268 1366474	81006	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Dichlorofluoromethane	FB	Ave	8592 824980	15729 1310599	32500 1575064	95744 3273794	182771	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Trichlorofluoromethane	FB	Ave	6490 680681	12265 1127852	24063 1299147	79464 2846507	151658	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Ethyl ether	FB	Ave	3508 442913	7555 730872	14454 842831	41895 1684813	85312	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Acrolein	FB	Ave	9886 1208175	20332 2070794	40728 2342932	112784 4731359	227062	4.94 494	9.88 741	19.8 988	49.4 1975	98.8
1,1,2-Trichlorotrifluoroethane	FB	Ave	2378 322503	5047 531893	9748 628790	29013 1286659	65011	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,1-Dichloroethene	FB	Ave	3671 435194	6861 712523	14384 860510	42615 1749960	86323	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Acetone	FB	Ave	8141 713706	14158 1219903	28229 1391321	69635 2775793	139890	2.00 200	4.00 300	8.00 400	20.0 800	40.0
Iodomethane	FB	Ave	6547	10817	18809	51295	107102	0.500	1.00	2.00	5.00	10.0

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531788

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2021 17:08 Calibration End Date: 04/07/2021 20:12 Calibration ID: 52205

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			570911	947749	1137206	2441598		50.0	75.0	100	200	
Carbon disulfide	FB	Ave	14016 1436327	24484 2349333	47754 2813523	134054 5847153	288493	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Methyl acetate	FB	Ave	8157 917880	16700 1536491	32744 1745228	89656 3383088	176581	1.00 100	2.00 150	4.00 200	10.0 400	20.0
Allyl chloride	FB	Ave	6389 713507	11483 1131522	24363 1346751	64973 2673987	140558	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Methylene Chloride	FB	Ave	6606 527693	10484 862643	21439 1003473	51977 2040691	105350	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Tert-butyl alcohol (2-methyl-2-propanol)	FB	Lin1	4885 718930	10774 1253458	22501 1421786	61048 2764518	125766	5.00 500	10.0 750	20.0 1000	50.0 2000	100
Acrylonitrile	FB	Ave	23382 2642731	48647 4426468	98588 4992743	258316 9934605	508037	5.00 500	10.0 750	20.0 1000	50.0 2000	100
Methyl tert-butyl ether	FB	Ave	13313 1505676	25245 2500545	52422 2864550	142955 5809793	283044	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
trans-1,2-Dichloroethene	FB	Ave	3301 501925	8891 812723	16825 963272	46262 1968878	100854	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Hexane	CBNZ d5	Ave	5495 710315	10089 1156727	21276 1383147	64657 2906796	139127	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Vinyl acetate	FB	Lin1	15831 2385079	32457 3955054	71191 4590197	200707 9197100	434246	1.00 100	2.00 150	4.00 200	10.0 400	20.0
1,1-Dichloroethane	FB	Ave	8346 904452	15823 1444720	32611 1706392	87751 3472587	179985	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
2-Butanone (MEK)	FB	Ave	9770 1232012	21177 2080999	43159 2355049	118568 4629696	232946	2.00 200	4.00 300	8.00 400	20.0 800	40.0
cis-1,2-Dichloroethene	FB	Ave	5230 564004	9847 906782	20182 1081243	53358 2176877	112258	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
2,2-Dichloropropane	FB	Lin1	5150 700085	10182 1163597	21604 1398584	62213 2878324	133174	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
sec-Butyl Alcohol	FB	Lin1	8597 1479480	18420 2576961	39662 2909552	116399 5776936	240399	12.0 1200	24.0 1800	48.0 2400	120 4800	240
Chlorobromomethane	FB	Ave	2263 254417	4449 423142	9882 491909	25219 992075	51220	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Tetrahydrofuran	FB	Ave	3516	7105	15495	36884	77868	1.00	2.00	4.00	10.0	20.0

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531788

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2021 17:08 Calibration End Date: 04/07/2021 20:12 Calibration ID: 52205

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			418322	701291	786373	1567456		100	150	200	400	
Chloroform	FB	Ave	7542 871061	15660 1407286	31256 1667767	83372 3364279	172577	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,1,1-Trichloroethane	FB	Ave	6177 728492	11870 1199158	24191 1424586	67504 2916598	142285	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Cyclohexane	FB	Ave	8118 913123	14755 1495650	28820 1780339	87093 3677069	185030	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,1-Dichloropropene	FB	Ave	6491 752366	12529 1210221	23536 1445206	70589 2971439	146826	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Carbon tetrachloride	FB	Ave	4699 598865	9377 993827	18417 1191862	52710 2471641	113658	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Isobutyl alcohol	FB	Lin1	3734 626726	8566 1049214	19501 1186423	51629 2417881	104037	12.5 1250	25.0 1875	50.0 2500	125 5000	250
Benzene	FB	Ave	20185 2196191	40150 3550092	79856 4203040	211339 8570752	436316	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,2-Dichloroethane	FB	Ave	6936 656404	13589 1089174	24957 1250019	66536 2545950	131309	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
n-Heptane	FB	Ave	5234 583083	9157 962485	17663 1141729	51812 2425633	112186	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Trichloroethene	CBNZ d5	Ave	5104 532209	9058 863372	18813 1026692	50890 2086785	104204	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
2-Pentanone	FB	Lin1	10660 1573078	21523 2691531	48557 3050303	132302 6116248	277579	1.60 160	3.20 240	6.40 320	16.0 640	32.0
Methylcyclohexane	FB	Lin2	3696 667633	10598 1083424	20067 1286438	60354 2686993	133003	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,2-Dichloropropane	FB	Ave	4305 561138	10293 915854	19870 1066550	53778 2194621	109934	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
1,4-Dioxane	FB	Lin2	1038 198237	2371 331812	6547 378040	16076 736257	36687	10.0 1000	20.0 1500	40.0 2000	100 4000	200
Dibromomethane	FB	Ave	3209 334558	5987 559031	12988 641179	31736 1303127	65462	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
Dichlorobromomethane	FB	Lin2	3689 658162	10341 1100107	21886 1277837	57696 2636705	119953	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0
2-Chloroethyl vinyl ether	FB	Ave	3005 406179	6876 696427	13576 798566	42587 1658525	82109	0.500 50.0	1.00 75.0	2.00 100	5.00 200	10.0

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531788

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2021 17:08 Calibration End Date: 04/07/2021 20:12 Calibration ID: 52205

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
cis-1,3-Dichloropropene	CBNZ d5	Ave	7094	13684	28300	76399	161687	0.500	1.00	2.00	5.00	10.0
			888452	1475371	1722172	3563581		50.0	75.0	100	200	
4-Methyl-2-pentanone (MIBK)	FB	Lin1	16495	36037	73061	209212	435333	2.00	4.00	8.00	20.0	40.0
			2419246	4147925	4693111	9396387		200	300	400	800	
Toluene	FB	Ave	21241	40337	82203	215100	452475	0.500	1.00	2.00	5.00	10.0
			2314591	3758705	4454445	9180829		50.0	75.0	100	200	
trans-1,3-Dichloropropene	FB	Lin1	5604	11214	24616	66038	142191	0.500	1.00	2.00	5.00	10.0
			801595	1362880	1567991	3250072		50.0	75.0	100	200	
Ethyl methacrylate	CBNZ d5	Lin1	5236	10557	22149	65212	139139	0.500	1.00	2.00	5.00	10.0
			776710	1331505	1515179	3080331		50.0	75.0	100	200	
1,1,2-Trichloroethane	FB	Ave	3726	8701	17974	46005	94839	0.500	1.00	2.00	5.00	10.0
			490548	830764	941762	1910423		50.0	75.0	100	200	
Tetrachloroethene	CBNZ d5	Ave	3355	6750	13237	37014	77046	0.500	1.00	2.00	5.00	10.0
			400042	654895	778503	1633031		50.0	75.0	100	200	
1,3-Dichloropropane	CBNZ d5	Ave	7820	16170	32622	84150	172140	0.500	1.00	2.00	5.00	10.0
			893820	1494177	1721327	3483245		50.0	75.0	100	200	
2-Hexanone	CBNZ d5	Lin2	11251	25091	51942	152374	308157	2.00	4.00	8.00	20.0	40.0
			1735414	2973139	3357155	6740820		200	300	400	800	
Chlorodibromomethane	CBNZ d5	Lin1	3244	6573	14965	41102	87156	0.500	1.00	2.00	5.00	10.0
			488402	843513	971903	2016509		50.0	75.0	100	200	
1,2-Dibromoethane	CBNZ d5	Ave	4604	8920	18470	49297	99572	0.500	1.00	2.00	5.00	10.0
			524041	890056	1014764	2067792		50.0	75.0	100	200	
1-Chlorohexane	CBNZ d5	Ave	7857	11946	19876	50754	109028	0.400	0.800	1.60	4.00	8.00
			569617	933427	1099781	2291672		40.0	60.0	80.0	160	
Chlorobenzene	CBNZ d5	Ave	13583	26244	52885	138587	288452	0.500	1.00	2.00	5.00	10.0
			1471088	2402539	2833921	5836303		50.0	75.0	100	200	

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531788

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2021 17:08 Calibration End Date: 04/07/2021 20:12 Calibration ID: 52205

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,1,1,2-Tetrachloroethane	CBNZ d5	Lin2	3235	6743	14816	41531	87082	0.500	1.00	2.00	5.00	10.0
			482044	804087	949342	1959083		50.0	75.0	100	200	
Ethylbenzene	CBNZ d5	Ave	7913	13511	27845	75098	155790	0.500	1.00	2.00	5.00	10.0
			806357	1319354	1555298	3233150		50.0	75.0	100	200	
m-Xylene & p-Xylene	CBNZ d5	Ave	7798	17995	33926	91180	194762	0.500	1.00	2.00	5.00	10.0
			994694	1623259	1904639	3938899		50.0	75.0	100	200	
o-Xylene	CBNZ d5	Ave	8339	15798	32266	88669	184333	0.500	1.00	2.00	5.00	10.0
			965894	1570453	1840561	3764178		50.0	75.0	100	200	
Styrene	CBNZ d5	Ave	13978	27641	56504	150489	315918	0.500	1.00	2.00	5.00	10.0
			1684174	2756602	3218758	6594415		50.0	75.0	100	200	
Bromoform	CBNZ d5	Lin1	+++++	4024	8747	25721	55032	+++++	1.00	2.00	5.00	10.0
			329287	578059	671294	1407216		50.0	75.0	100	200	
Isopropylbenzene	DCBd 4	Ave	20285	38272	82156	224630	480834	0.500	1.00	2.00	5.00	10.0
			2477677	4027844	4797643	9805577		50.0	75.0	100	200	
Cyclohexanone	CBNZ d5	Lin1	7137	15101	33634	94902	199364	20.0	40.0	80.0	200	400
			1145303	1953672	2215180	4268049		2000	3000	4000	8000	
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	6011	12864	27512	70774	143973	0.500	1.00	2.00	5.00	10.0
			757143	1288355	1469221	2935536		50.0	75.0	100	200	
Bromobenzene	DCBd 4	Ave	5277	10546	20826	54508	110062	0.500	1.00	2.00	5.00	10.0
			581146	959047	1123771	2279202		50.0	75.0	100	200	
trans-1,4-Dichloro-2-butene	DCBd 4	Lin1	+++++	3042	5881	17219	34963	+++++	1.00	2.00	5.00	10.0
			201206	352572	410087	828442		50.0	75.0	100	200	
1,2,3-Trichloropropane	DCBd 4	Lin2	1078	4083	8013	21196	42464	0.500	1.00	2.00	5.00	10.0
			226307	379689	437086	872464		50.0	75.0	100	200	

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531788

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2021 17:08 Calibration End Date: 04/07/2021 20:12 Calibration ID: 52205

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
N-Propylbenzene	DCBd 4	Ave	5397	11345	22316	61541	129014	0.500	1.00	2.00	5.00	10.0
			683773	1106933	1319361	2699718		50.0	75.0	100	200	
2-Chlorotoluene	DCBd 4	Ave	5059	9855	20681	53766	111323	0.500	1.00	2.00	5.00	10.0
			582675	944024	1124097	2268142		50.0	75.0	100	200	
1,3,5-Trimethylbenzene	DCBd 4	Ave	15968	31987	65851	188552	388742	0.500	1.00	2.00	5.00	10.0
			2052124	3321369	3949799	7953564		50.0	75.0	100	200	
4-Chlorotoluene	DCBd 4	Ave	5169	9674	20869	57431	118557	0.500	1.00	2.00	5.00	10.0
			613778	990241	1162924	2367510		50.0	75.0	100	200	
tert-Butylbenzene	DCBd 4	Ave	14376	26987	55473	156217	332231	0.500	1.00	2.00	5.00	10.0
			1729255	2804436	3322350	6700459		50.0	75.0	100	200	
1,2,4-Trimethylbenzene	DCBd 4	Ave	15921	33767	69729	192884	400447	0.500	1.00	2.00	5.00	10.0
			2129940	3437474	4045824	8067846		50.0	75.0	100	200	
sec-Butylbenzene	DCBd 4	Lin2	3543	7470	15205	42973	96478	0.500	1.00	2.00	5.00	10.0
			506093	817648	974292	1942568		50.0	75.0	100	200	
1,3-Dichlorobenzene	DCBd 4	Ave	10059	20195	40113	103799	220724	0.500	1.00	2.00	5.00	10.0
			1127339	1842106	2156811	4319621		50.0	75.0	100	200	
4-Isopropyltoluene	DCBd 4	Ave	16896	33137	70115	189107	413756	0.500	1.00	2.00	5.00	10.0
			2180645	3526657	4161531	8405165		50.0	75.0	100	200	
1,4-Dichlorobenzene	DCBd 4	Ave	11097	21617	41683	110297	222152	0.500	1.00	2.00	5.00	10.0
			1155812	1881606	2187741	4389959		50.0	75.0	100	200	
n-Butylbenzene	DCBd 4	Ave	15139	29350	58803	169453	370162	0.500	1.00	2.00	5.00	10.0
			1954511	3150129	3714958	7671606		50.0	75.0	100	200	
1,2-Dichlorobenzene	DCBd 4	Ave	9541	18651	39472	101620	208551	0.500	1.00	2.00	5.00	10.0
			1084648	1785680	2072875	4197364		50.0	75.0	100	200	

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 531788

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2021 17:08 Calibration End Date: 04/07/2021 20:12 Calibration ID: 52205

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dibromo-3-Chloropropane	DCBd 4	Lin1	+++++	1463	3427	14294	28524	+++++	1.00	2.00	5.00	10.0
			173080	298560	346020	699997		50.0	75.0	100	200	
1,2,4-Trichlorobenzene	DCBd 4	Ave	6215	12031	23340	62908	131467	0.500	1.00	2.00	5.00	10.0
			688781	1140330	1318386	2643808		50.0	75.0	100	200	
Hexachlorobutadiene	DCBd 4	Ave	1976	4030	8190	21005	48706	0.500	1.00	2.00	5.00	10.0
			247946	411531	479435	991873		50.0	75.0	100	200	
Naphthalene	DCBd 4	Ave	18234	35421	74225	200096	425438	0.500	1.00	2.00	5.00	10.0
			2318125	3915921	4483732	8809598		50.0	75.0	100	200	
1,2,3-Trichlorobenzene	DCBd 4	Lin1	4953	7057	22781	58834	124317	0.500	1.00	2.00	5.00	10.0
			643802	1062084	1222928	2438282		50.0	75.0	100	200	
Dibromofluoromethane (Surr)	FB	Ave	538413	550252	538433	541182	536332	50.0	50.0	50.0	50.0	50.0
			543879	534759	525693	523901		50.0	50.0	50.0	50.0	
1,2-Dichloroethane-d4 (Surr)	FB	Ave	587241	604376	586438	585965	579555	50.0	50.0	50.0	50.0	50.0
			585642	569643	557454	546981		50.0	50.0	50.0	50.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	2230422	2259917	2228439	2236924	2240548	50.0	50.0	50.0	50.0	50.0
			2285366	2259711	2198548	2220136		50.0	50.0	50.0	50.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	820432	838416	818969	821414	825019	50.0	50.0	50.0	50.0	50.0
			830913	814251	782616	787050		50.0	50.0	50.0	50.0	

Curve Type Legend

Ave = Average ISTD  
Lin1 = Linear 1/conc ISTD  
Lin2 = Linear 1/conc^2 ISTD

Calibration

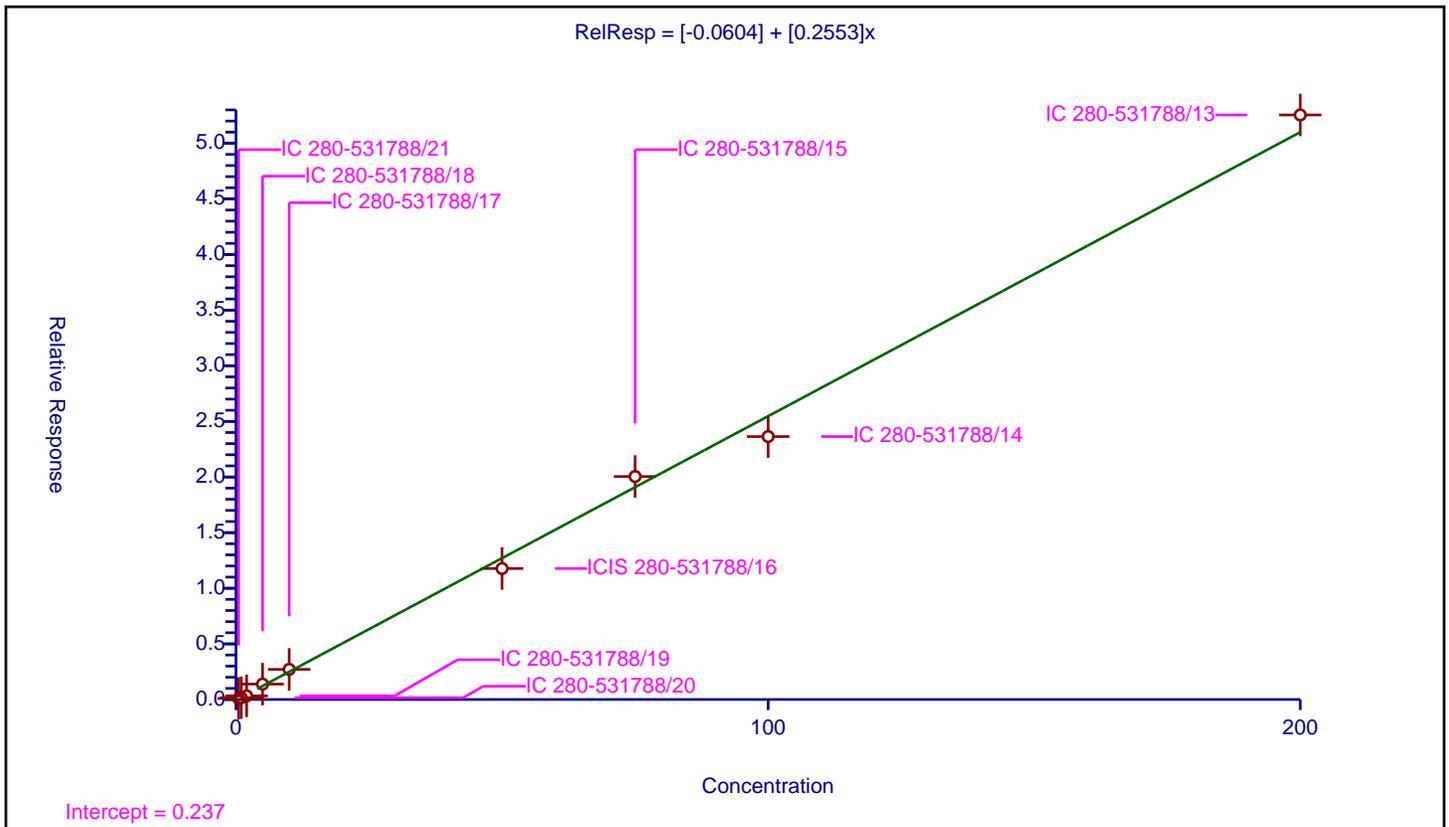
/ Dichlorodifluoromethane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.0604
Slope:	0.2553

Error Coefficients	
Standard Error:	1070000
Relative Standard Error:	15.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.095465	50.0	2328073.0	0.19093	Y
2	IC 280-531788/20	1.0	0.16144	50.0	2371476.0	0.16144	Y
3	IC 280-531788/19	2.0	0.326353	50.0	2325853.0	0.163177	Y
4	IC 280-531788/18	5.0	1.384359	50.0	2333210.0	0.276872	Y
5	IC 280-531788/17	10.0	2.709298	50.0	2329146.0	0.27093	Y
6	ICIS 280-531788/16	50.0	11.772427	50.0	2358061.0	0.235449	Y
7	IC 280-531788/15	75.0	20.042853	50.0	2304365.0	0.267238	Y
8	IC 280-531788/14	100.0	23.636545	50.0	2258545.0	0.236365	Y
9	IC 280-531788/13	200.0	52.545989	50.0	2268215.0	0.26273	Y



**Calibration**

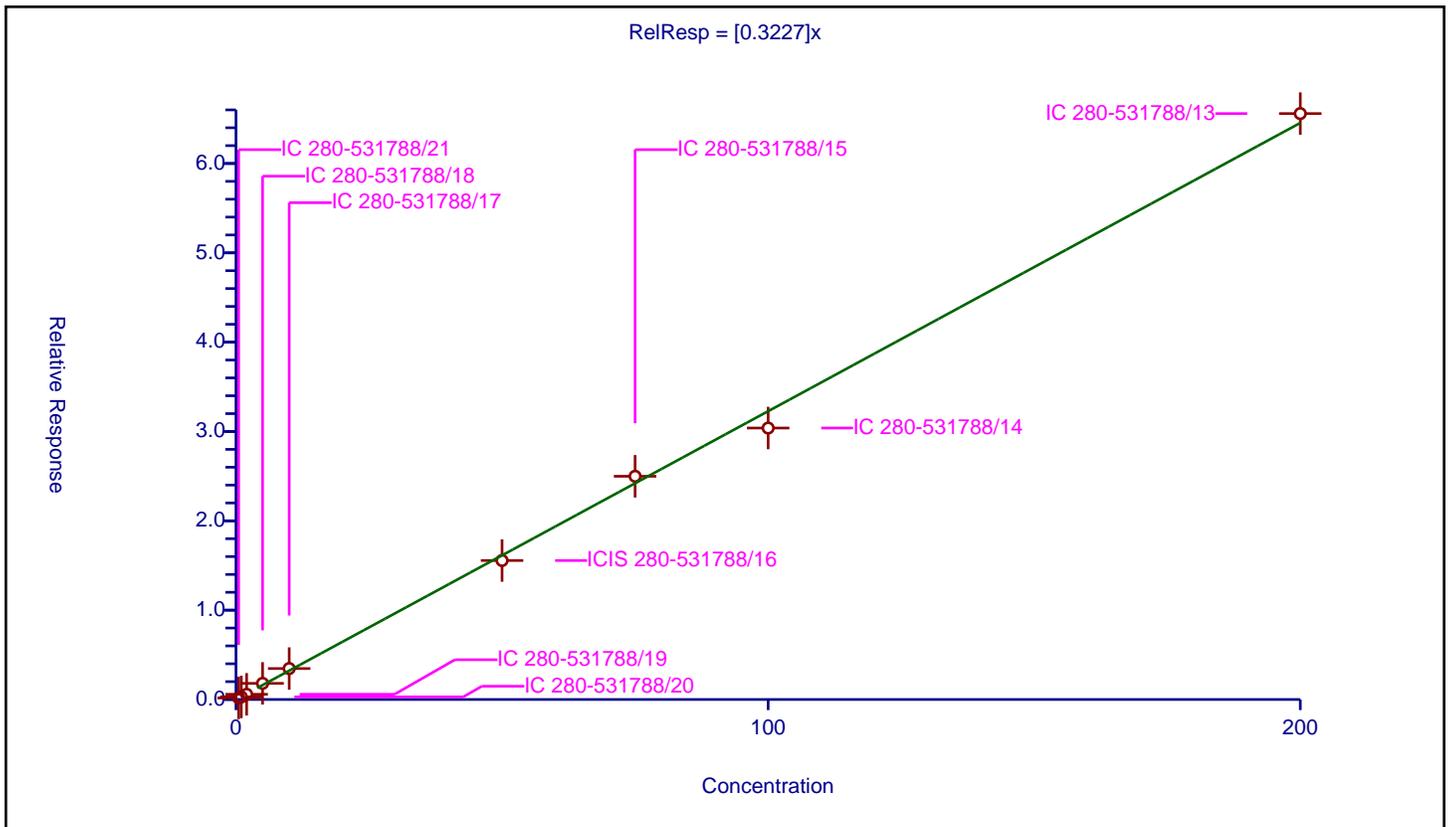
/ Chloromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3227

Error Coefficients	
Standard Error:	1260000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.16969	50.0	2328073.0	0.339379	Y
2	IC 280-531788/20	1.0	0.289883	50.0	2371476.0	0.289883	Y
3	IC 280-531788/19	2.0	0.581937	50.0	2325853.0	0.290969	Y
4	IC 280-531788/18	5.0	1.806545	50.0	2333210.0	0.361309	Y
5	IC 280-531788/17	10.0	3.46627	50.0	2329146.0	0.346627	Y
6	ICIS 280-531788/16	50.0	15.557549	50.0	2358061.0	0.311151	Y
7	IC 280-531788/15	75.0	24.986059	50.0	2304365.0	0.333147	Y
8	IC 280-531788/14	100.0	30.387329	50.0	2258545.0	0.303873	Y
9	IC 280-531788/13	200.0	65.586618	50.0	2268215.0	0.327933	Y



**Calibration**

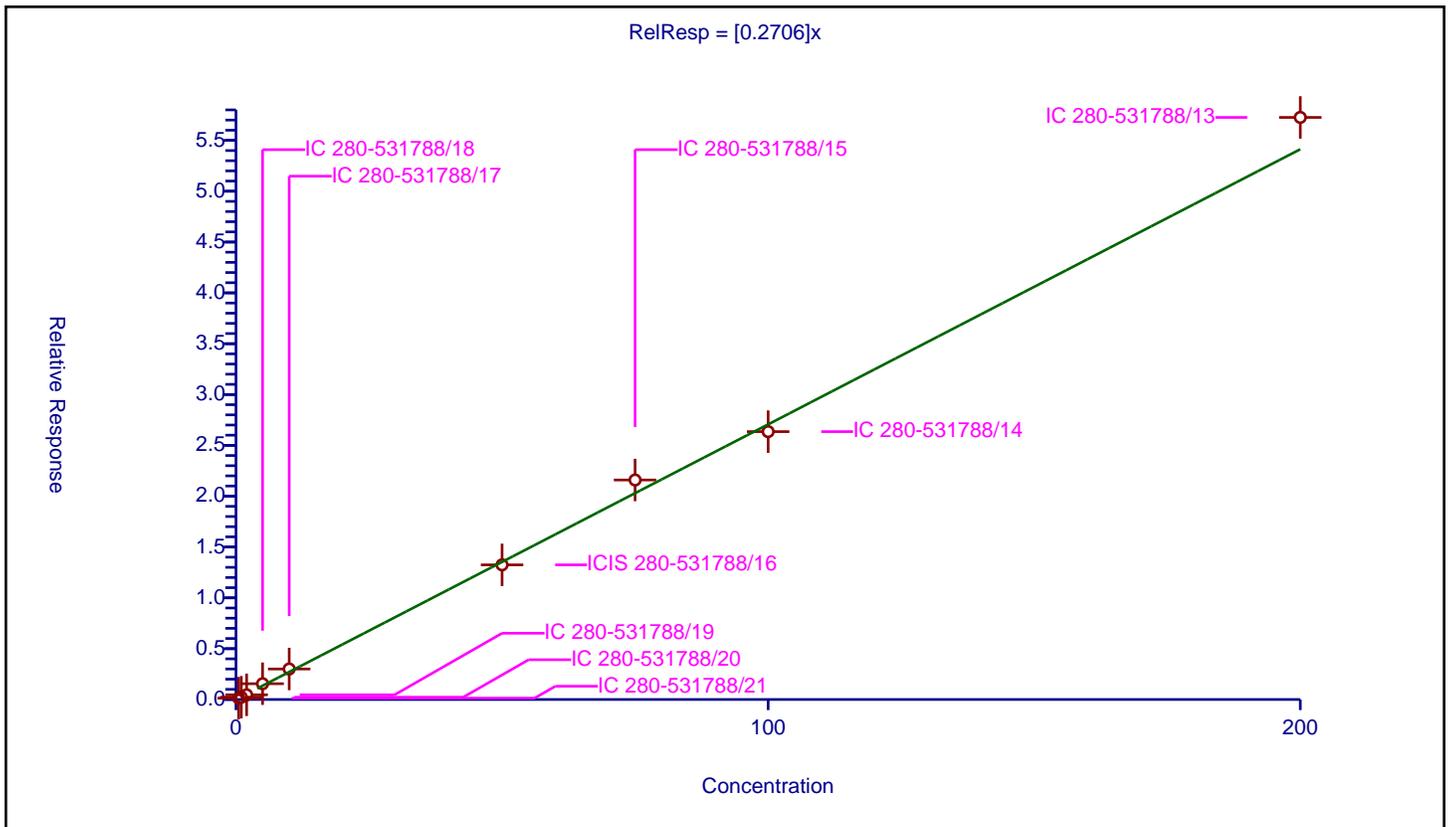
/ Vinyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2706

Error Coefficients	
Standard Error:	1090000
Relative Standard Error:	10.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.132986	50.0	2328073.0	0.265971	Y
2	IC 280-531788/20	1.0	0.226673	50.0	2371476.0	0.226673	Y
3	IC 280-531788/19	2.0	0.459917	50.0	2325853.0	0.229959	Y
4	IC 280-531788/18	5.0	1.552453	50.0	2333210.0	0.310491	Y
5	IC 280-531788/17	10.0	3.000542	50.0	2329146.0	0.300054	Y
6	ICIS 280-531788/16	50.0	13.244653	50.0	2358061.0	0.264893	Y
7	IC 280-531788/15	75.0	21.59289	50.0	2304365.0	0.287905	Y
8	IC 280-531788/14	100.0	26.35004	50.0	2258545.0	0.2635	Y
9	IC 280-531788/13	200.0	57.259078	50.0	2268215.0	0.286295	Y



Calibration

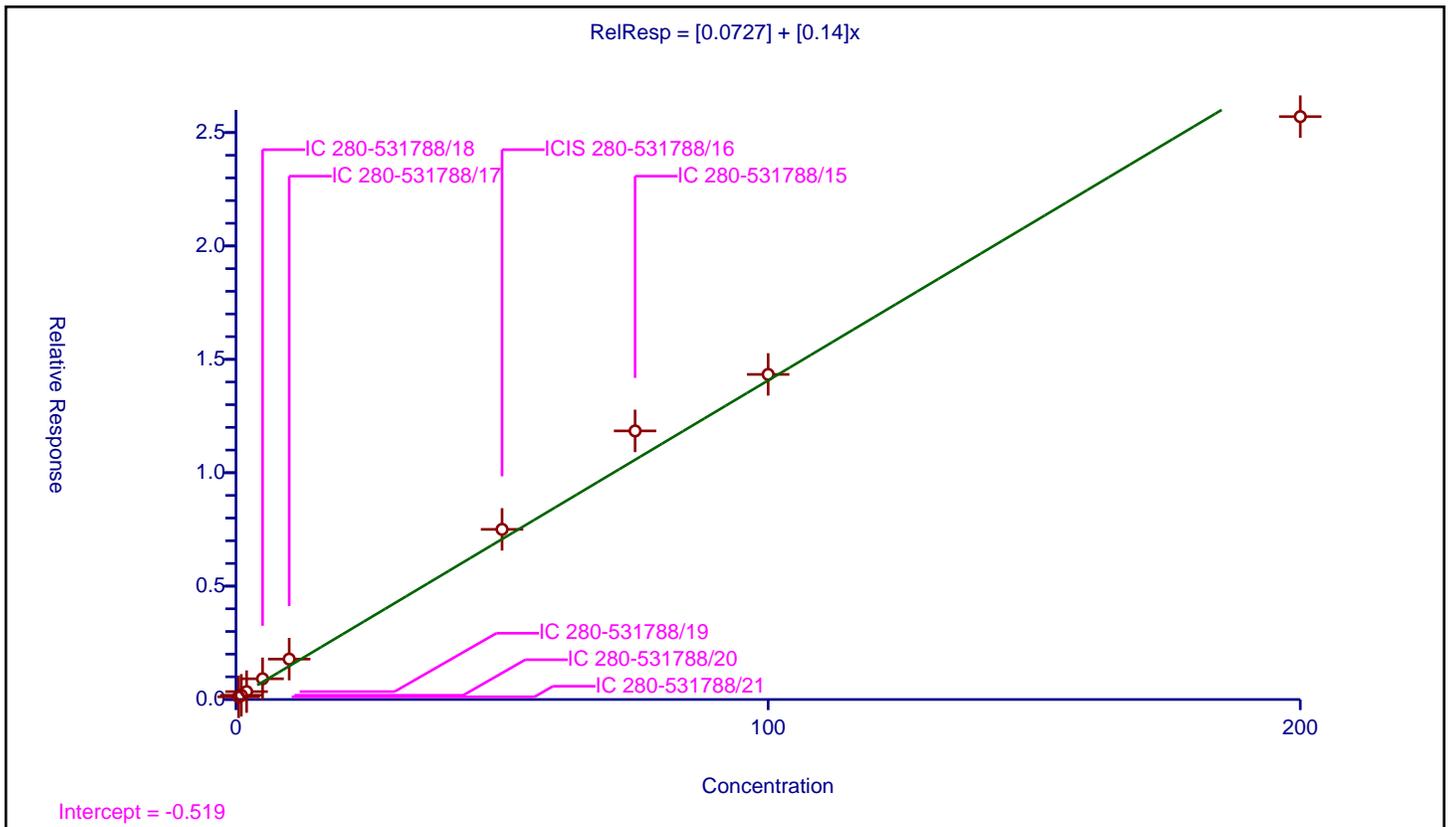
/ Bromomethane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.0727
Slope:	0.14

Error Coefficients	
Standard Error:	562000
Relative Standard Error:	19.4
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.119004	50.0	2328073.0	0.238008	Y
2	IC 280-531788/20	1.0	0.186867	50.0	2371476.0	0.186867	Y
3	IC 280-531788/19	2.0	0.348044	50.0	2325853.0	0.174022	Y
4	IC 280-531788/18	5.0	0.913505	50.0	2333210.0	0.182701	Y
5	IC 280-531788/17	10.0	1.781318	50.0	2329146.0	0.178132	Y
6	ICIS 280-531788/16	50.0	7.502287	50.0	2358061.0	0.150046	Y
7	IC 280-531788/15	75.0	11.84348	50.0	2304365.0	0.157913	Y
8	IC 280-531788/14	100.0	14.335889	50.0	2258545.0	0.143359	Y
9	IC 280-531788/13	200.0	25.703516	50.0	2268215.0	0.128518	Y



Calibration

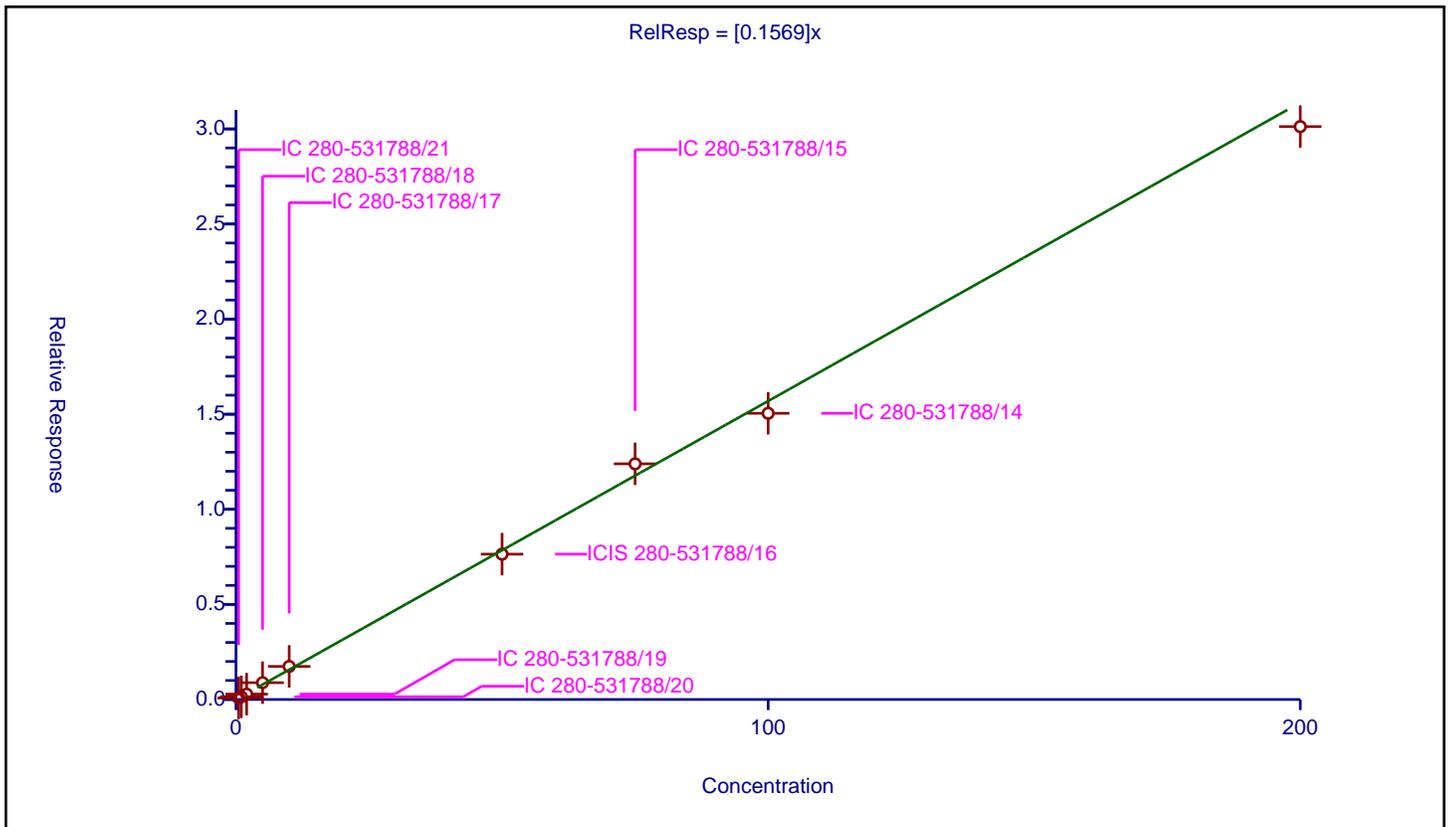
/ Chloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1569

Error Coefficients	
Standard Error:	591000
Relative Standard Error:	8.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.080174	50.0	2328073.0	0.160347	Y
2	IC 280-531788/20	1.0	0.140946	50.0	2371476.0	0.140946	Y
3	IC 280-531788/19	2.0	0.282004	50.0	2325853.0	0.141002	Y
4	IC 280-531788/18	5.0	0.884361	50.0	2333210.0	0.176872	Y
5	IC 280-531788/17	10.0	1.738964	50.0	2329146.0	0.173896	Y
6	ICIS 280-531788/16	50.0	7.641427	50.0	2358061.0	0.152829	Y
7	IC 280-531788/15	75.0	12.391874	50.0	2304365.0	0.165225	Y
8	IC 280-531788/14	100.0	15.046944	50.0	2258545.0	0.150469	Y
9	IC 280-531788/13	200.0	30.122233	50.0	2268215.0	0.150611	Y



Calibration

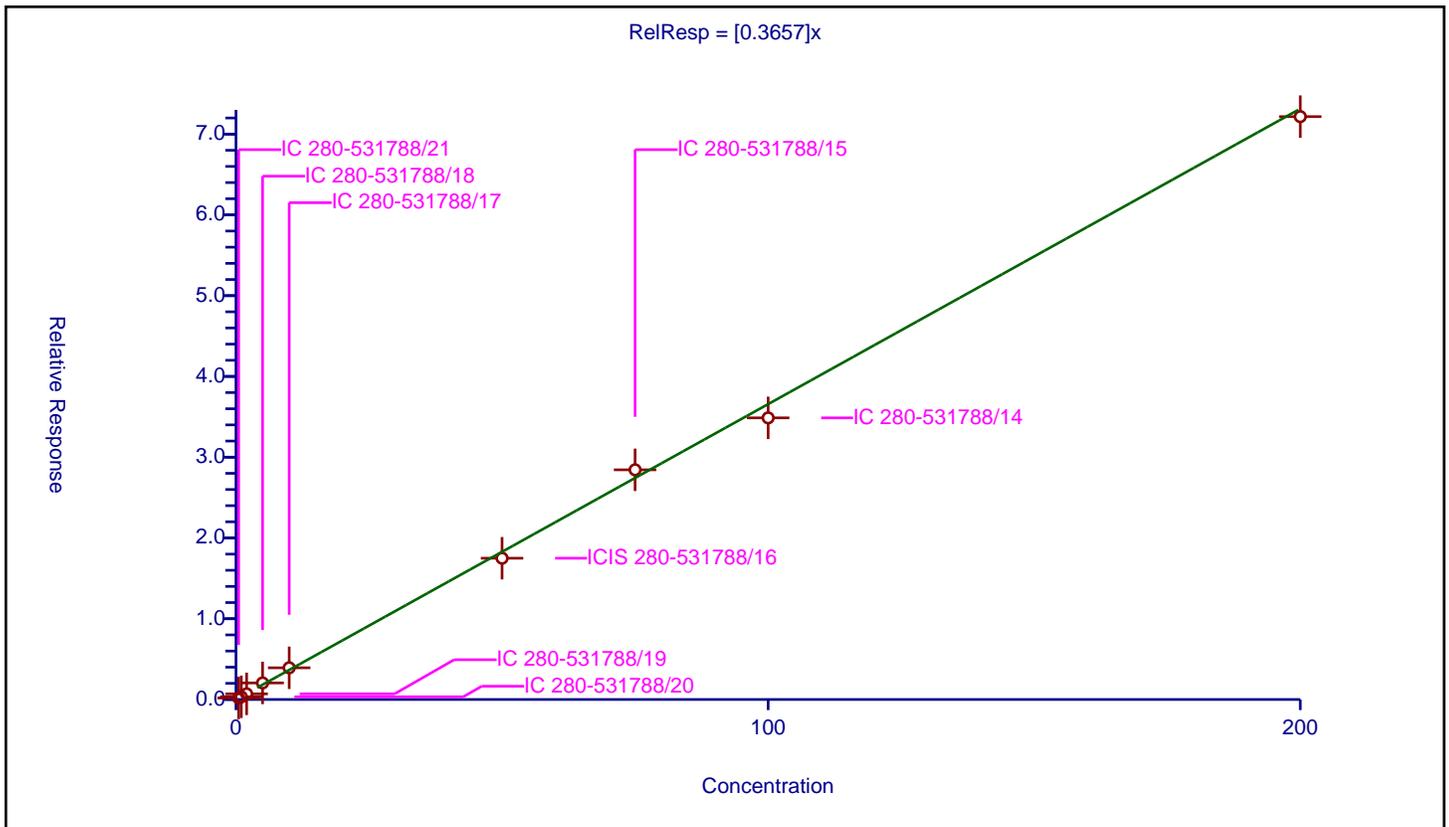
/ Dichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3657

Error Coefficients	
Standard Error:	1400000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.18453	50.0	2328073.0	0.369061	Y
2	IC 280-531788/20	1.0	0.331629	50.0	2371476.0	0.331629	Y
3	IC 280-531788/19	2.0	0.698668	50.0	2325853.0	0.349334	Y
4	IC 280-531788/18	5.0	2.051766	50.0	2333210.0	0.410353	Y
5	IC 280-531788/17	10.0	3.923563	50.0	2329146.0	0.392356	Y
6	ICIS 280-531788/16	50.0	17.492762	50.0	2358061.0	0.349855	Y
7	IC 280-531788/15	75.0	28.437314	50.0	2304365.0	0.379164	Y
8	IC 280-531788/14	100.0	34.868998	50.0	2258545.0	0.34869	Y
9	IC 280-531788/13	200.0	72.166748	50.0	2268215.0	0.360834	Y



Calibration

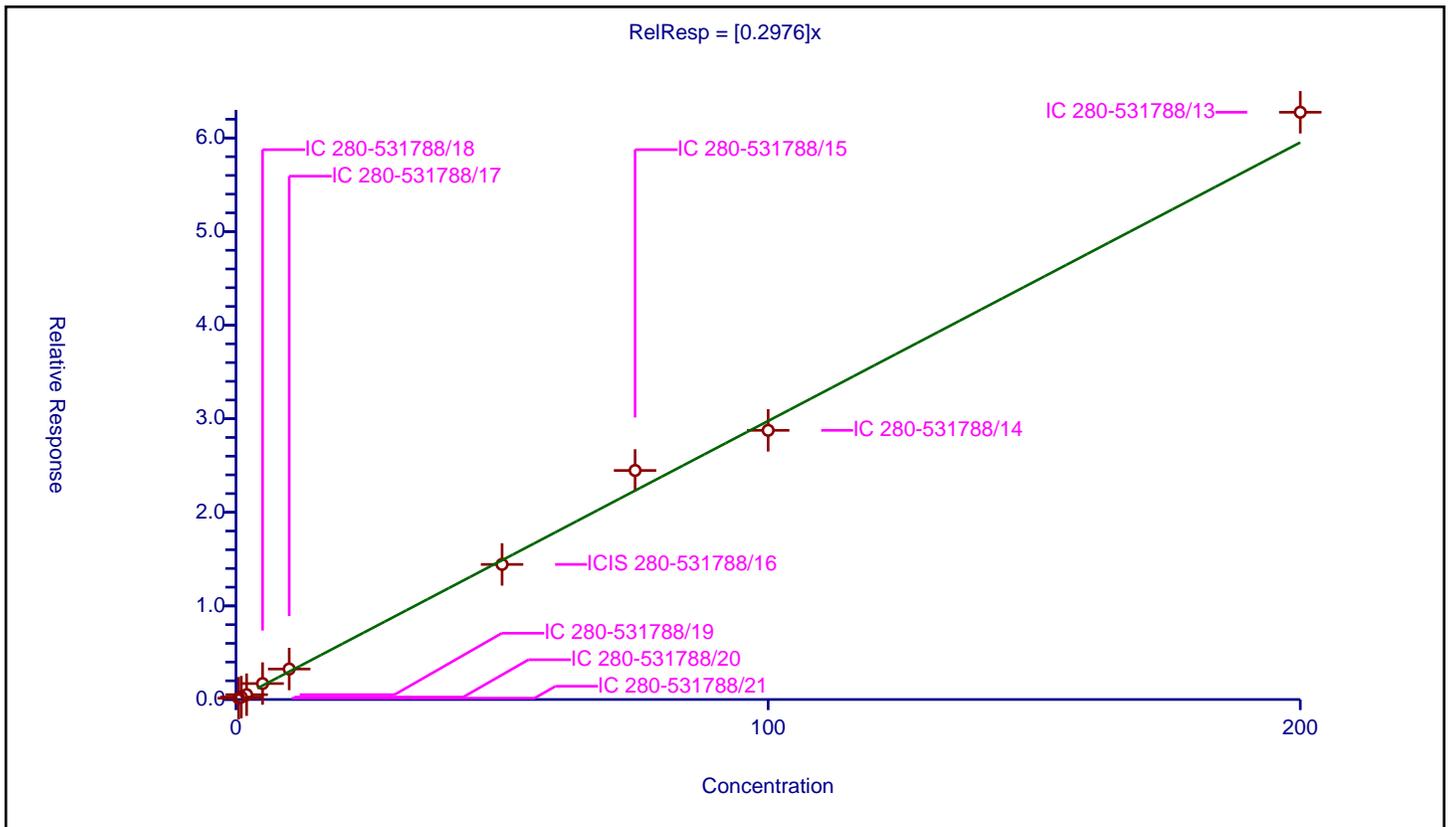
/ Trichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2976

Error Coefficients	
Standard Error:	1200000
Relative Standard Error:	10.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.139386	50.0	2328073.0	0.278771	Y
2	IC 280-531788/20	1.0	0.258594	50.0	2371476.0	0.258594	Y
3	IC 280-531788/19	2.0	0.517294	50.0	2325853.0	0.258647	Y
4	IC 280-531788/18	5.0	1.70289	50.0	2333210.0	0.340578	Y
5	IC 280-531788/17	10.0	3.255657	50.0	2329146.0	0.325566	Y
6	ICIS 280-531788/16	50.0	14.433066	50.0	2358061.0	0.288661	Y
7	IC 280-531788/15	75.0	24.472078	50.0	2304365.0	0.326294	Y
8	IC 280-531788/14	100.0	28.760707	50.0	2258545.0	0.287607	Y
9	IC 280-531788/13	200.0	62.747733	50.0	2268215.0	0.313739	Y



Calibration

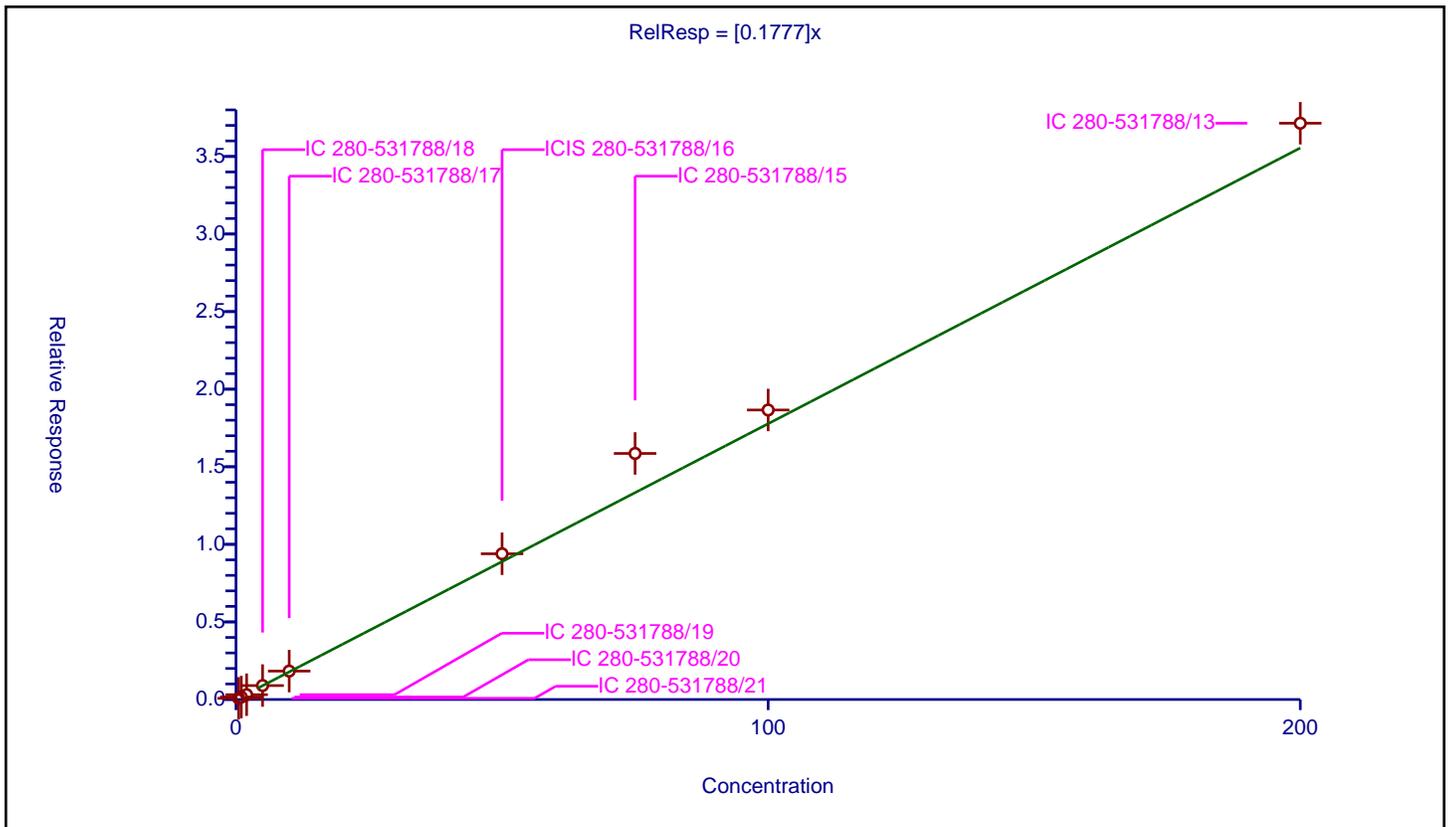
/ Ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1777

Error Coefficients	
Standard Error:	732000
Relative Standard Error:	10.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.075341	50.0	2328073.0	0.150683	Y
2	IC 280-531788/20	1.0	0.159289	50.0	2371476.0	0.159289	Y
3	IC 280-531788/19	2.0	0.310725	50.0	2325853.0	0.155362	Y
4	IC 280-531788/18	5.0	0.897797	50.0	2333210.0	0.179559	Y
5	IC 280-531788/17	10.0	1.831401	50.0	2329146.0	0.18314	Y
6	ICIS 280-531788/16	50.0	9.391466	50.0	2358061.0	0.187829	Y
7	IC 280-531788/15	75.0	15.858425	50.0	2304365.0	0.211446	Y
8	IC 280-531788/14	100.0	18.658716	50.0	2258545.0	0.186587	Y
9	IC 280-531788/13	200.0	37.139623	50.0	2268215.0	0.185698	Y



**Calibration**

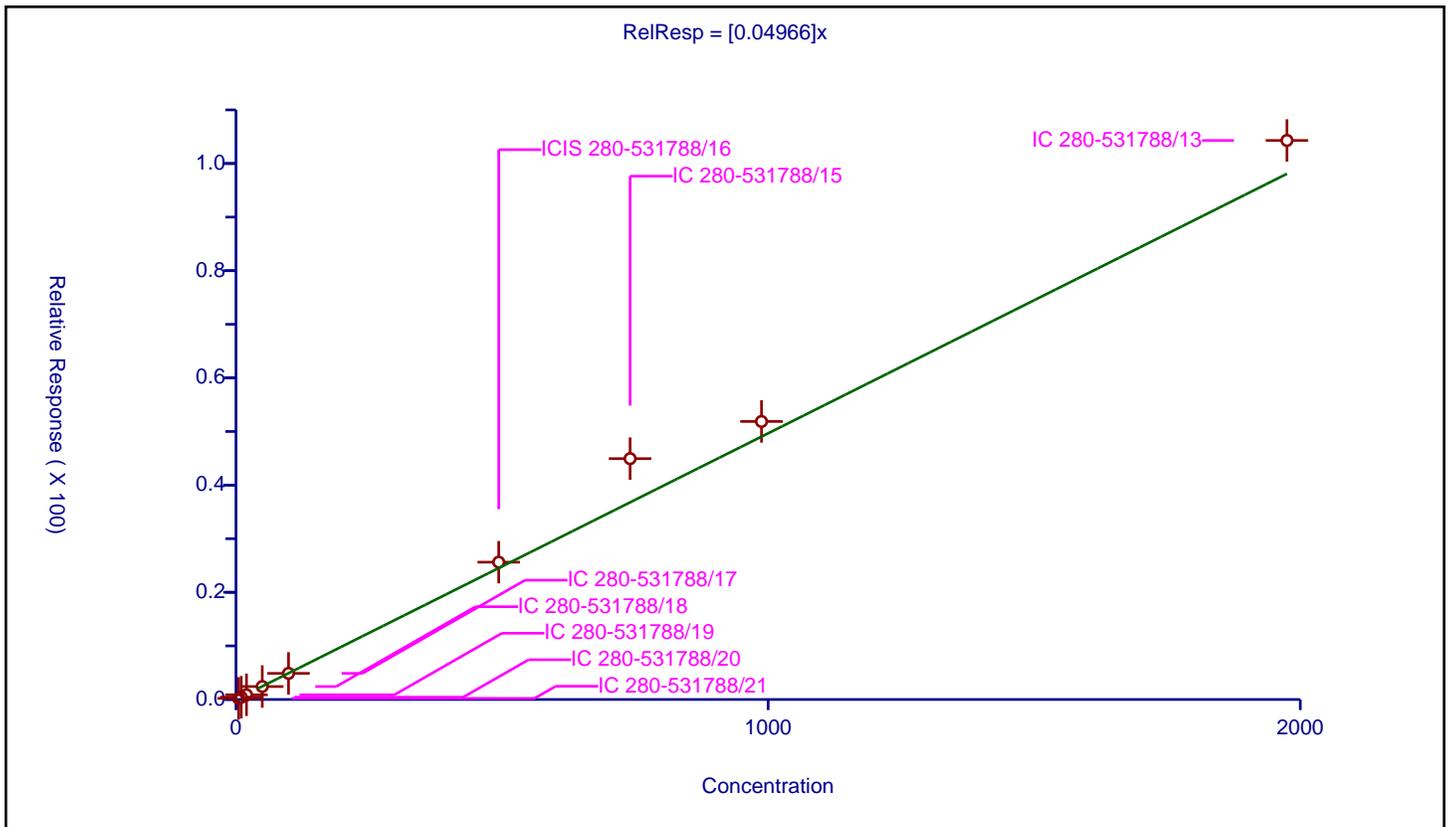
/ Acrolein

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04966

Error Coefficients	
Standard Error:	2050000
Relative Standard Error:	11.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	4.9375	0.212322	50.0	2328073.0	0.043002	Y
2	IC 280-531788/20	9.875	0.428678	50.0	2371476.0	0.04341	Y
3	IC 280-531788/19	19.75	0.87555	50.0	2325853.0	0.044332	Y
4	IC 280-531788/18	49.375	2.416928	50.0	2333210.0	0.04895	Y
5	IC 280-531788/17	98.75	4.874362	50.0	2329146.0	0.049361	Y
6	ICIS 280-531788/16	493.75	25.617976	50.0	2358061.0	0.051885	Y
7	IC 280-531788/15	740.625	44.931988	50.0	2304365.0	0.060668	Y
8	IC 280-531788/14	987.5	51.868172	50.0	2258545.0	0.052525	Y
9	IC 280-531788/13	1975.0	104.296969	50.0	2268215.0	0.052809	Y



Calibration

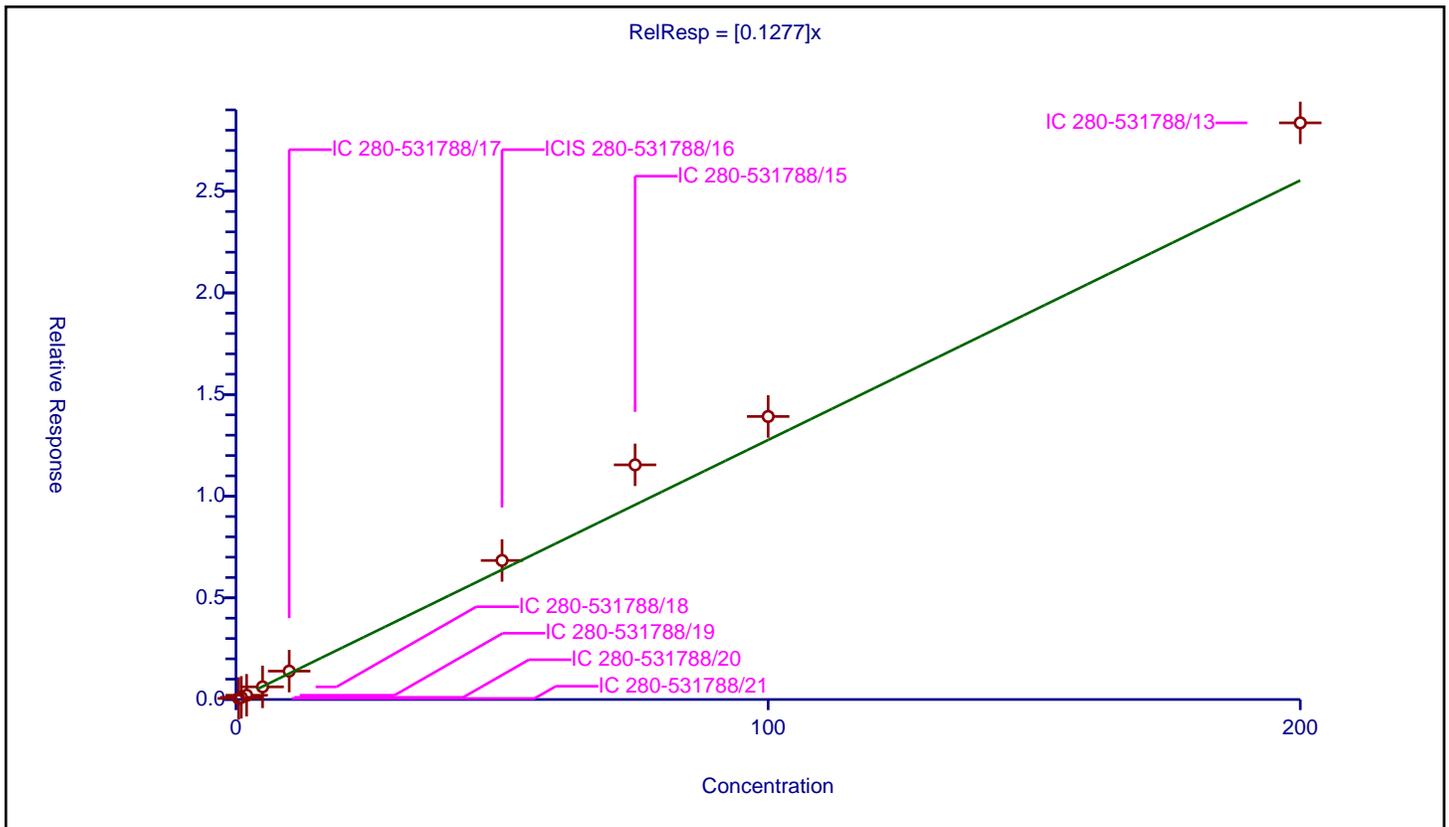
/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1277

Error Coefficients	
Standard Error:	553000
Relative Standard Error:	14.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.051072	50.0	2328073.0	0.102145	Y
2	IC 280-531788/20	1.0	0.106411	50.0	2371476.0	0.106411	Y
3	IC 280-531788/19	2.0	0.209558	50.0	2325853.0	0.104779	Y
4	IC 280-531788/18	5.0	0.62174	50.0	2333210.0	0.124348	Y
5	IC 280-531788/17	10.0	1.395597	50.0	2329146.0	0.13956	Y
6	ICIS 280-531788/16	50.0	6.838309	50.0	2358061.0	0.136766	Y
7	IC 280-531788/15	75.0	11.540989	50.0	2304365.0	0.15388	Y
8	IC 280-531788/14	100.0	13.920245	50.0	2258545.0	0.139202	Y
9	IC 280-531788/13	200.0	28.36281	50.0	2268215.0	0.141814	Y



Calibration

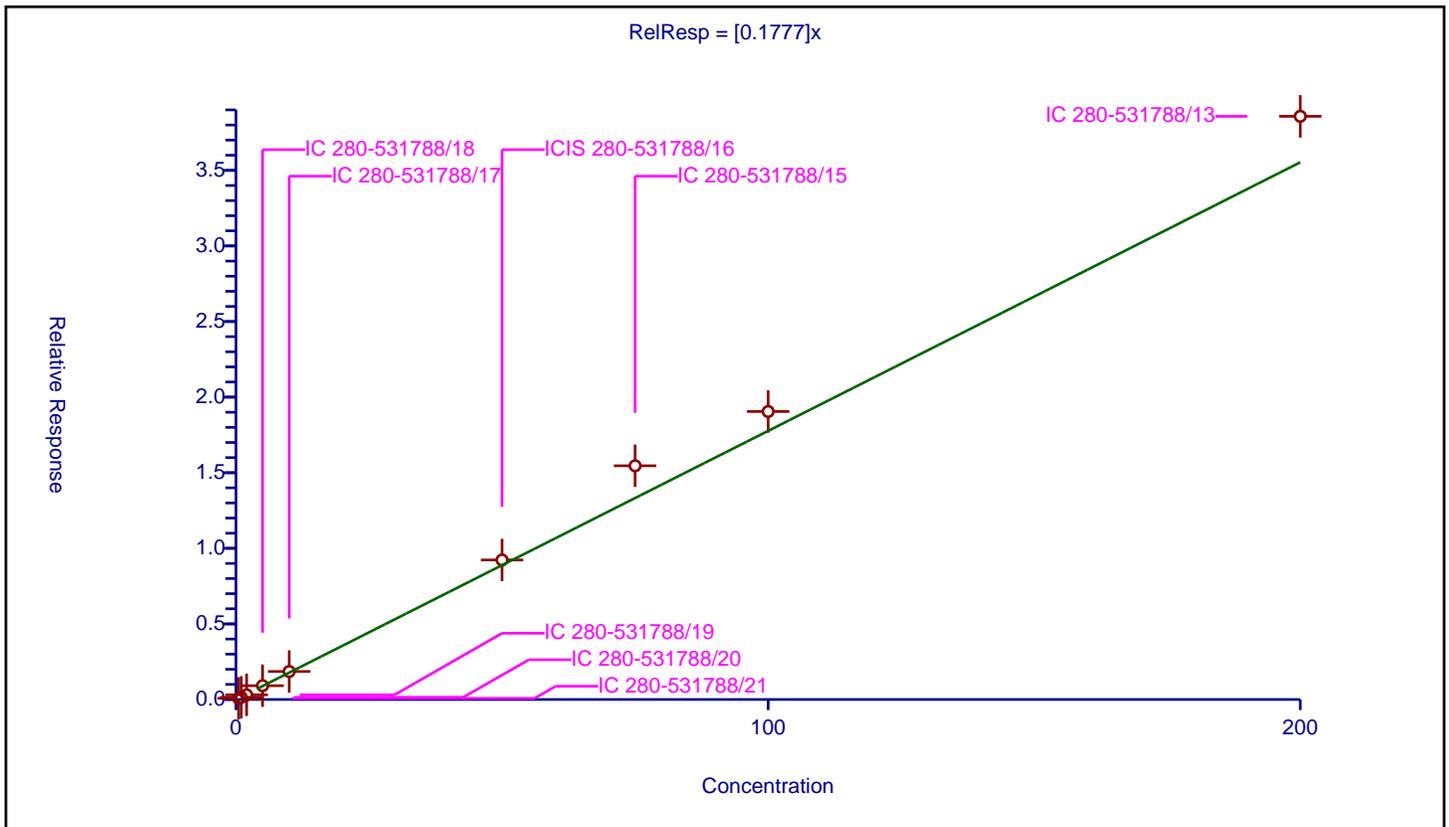
/ 1,1-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1777

Error Coefficients	
Standard Error:	751000
Relative Standard Error:	11.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.078842	50.0	2328073.0	0.157684	Y
2	IC 280-531788/20	1.0	0.144657	50.0	2371476.0	0.144657	Y
3	IC 280-531788/19	2.0	0.30922	50.0	2325853.0	0.15461	Y
4	IC 280-531788/18	5.0	0.913227	50.0	2333210.0	0.182645	Y
5	IC 280-531788/17	10.0	1.853104	50.0	2329146.0	0.18531	Y
6	ICIS 280-531788/16	50.0	9.227794	50.0	2358061.0	0.184556	Y
7	IC 280-531788/15	75.0	15.460289	50.0	2304365.0	0.206137	Y
8	IC 280-531788/14	100.0	19.050096	50.0	2258545.0	0.190501	Y
9	IC 280-531788/13	200.0	38.575708	50.0	2268215.0	0.192879	Y



**Calibration**

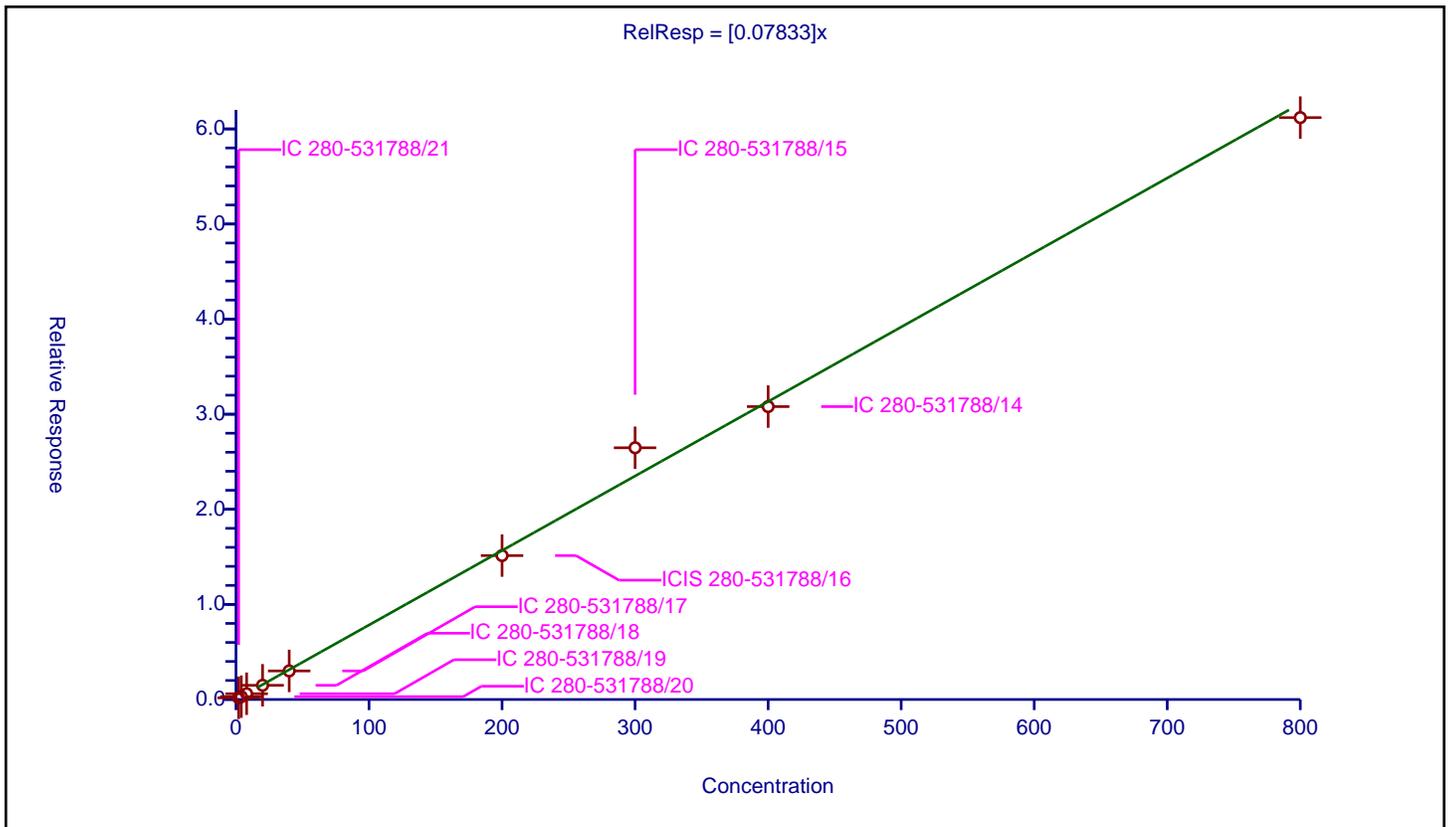
/ Acetone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.07833

Error Coefficients	
Standard Error:	1210000
Relative Standard Error:	7.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	2.0	0.174844	50.0	2328073.0	0.087422	Y
2	IC 280-531788/20	4.0	0.298506	50.0	2371476.0	0.074627	Y
3	IC 280-531788/19	8.0	0.606853	50.0	2325853.0	0.075857	Y
4	IC 280-531788/18	20.0	1.492257	50.0	2333210.0	0.074613	Y
5	IC 280-531788/17	40.0	3.003032	50.0	2329146.0	0.075076	Y
6	ICIS 280-531788/16	200.0	15.133324	50.0	2358061.0	0.075667	Y
7	IC 280-531788/15	300.0	26.469396	50.0	2304365.0	0.088231	Y
8	IC 280-531788/14	400.0	30.801268	50.0	2258545.0	0.077003	Y
9	IC 280-531788/13	800.0	61.188931	50.0	2268215.0	0.076486	Y



Calibration

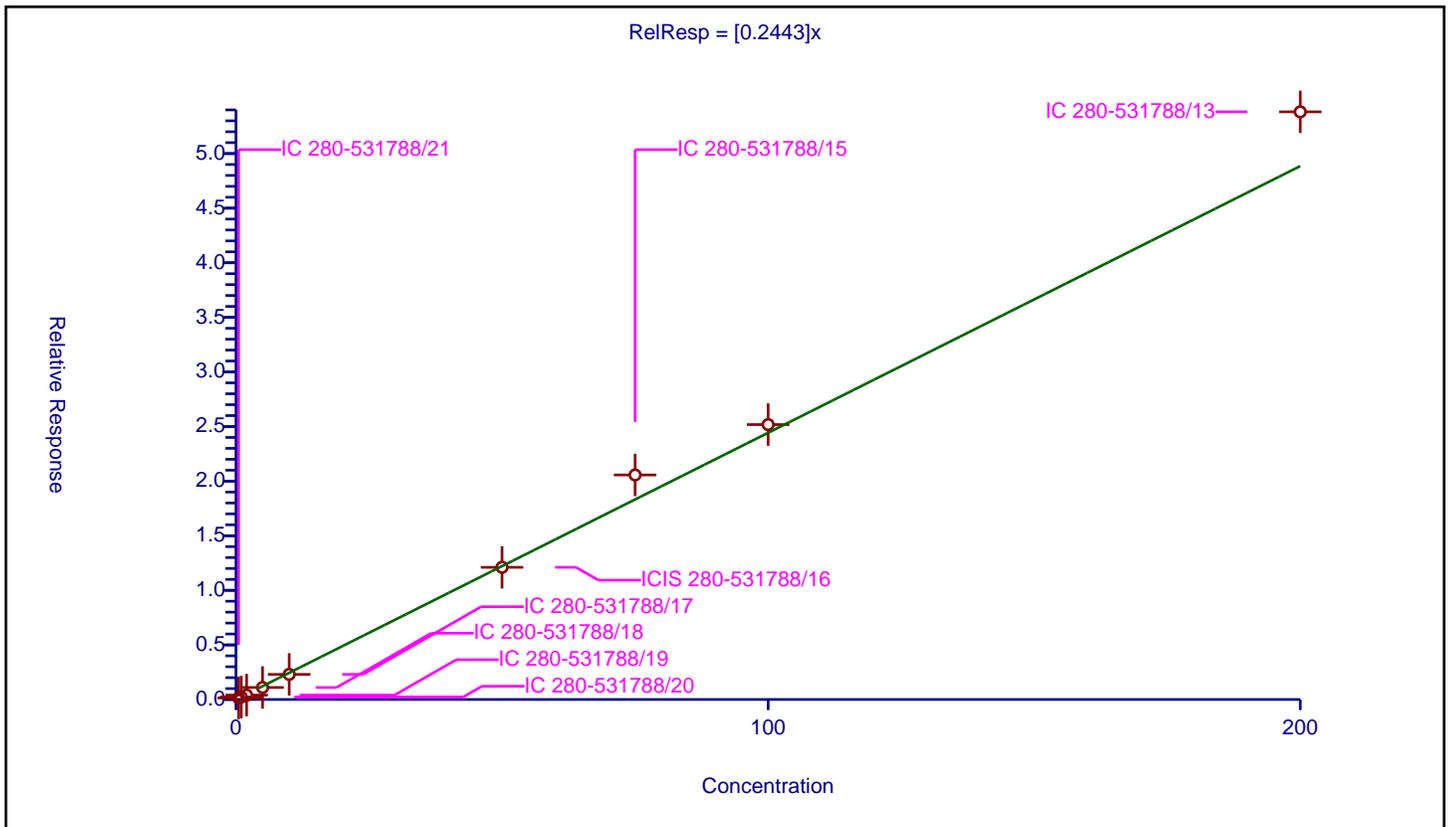
/ Iodomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2443

Error Coefficients	
Standard Error:	1030000
Relative Standard Error:	11.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.14061	50.0	2328073.0	0.28122	Y
2	IC 280-531788/20	1.0	0.228065	50.0	2371476.0	0.228065	Y
3	IC 280-531788/19	2.0	0.404346	50.0	2325853.0	0.202173	Y
4	IC 280-531788/18	5.0	1.099237	50.0	2333210.0	0.219847	Y
5	IC 280-531788/17	10.0	2.299169	50.0	2329146.0	0.229917	Y
6	ICIS 280-531788/16	50.0	12.105518	50.0	2358061.0	0.24211	Y
7	IC 280-531788/15	75.0	20.564212	50.0	2304365.0	0.274189	Y
8	IC 280-531788/14	100.0	25.175633	50.0	2258545.0	0.251756	Y
9	IC 280-531788/13	200.0	53.822014	50.0	2268215.0	0.26911	Y



**Calibration**

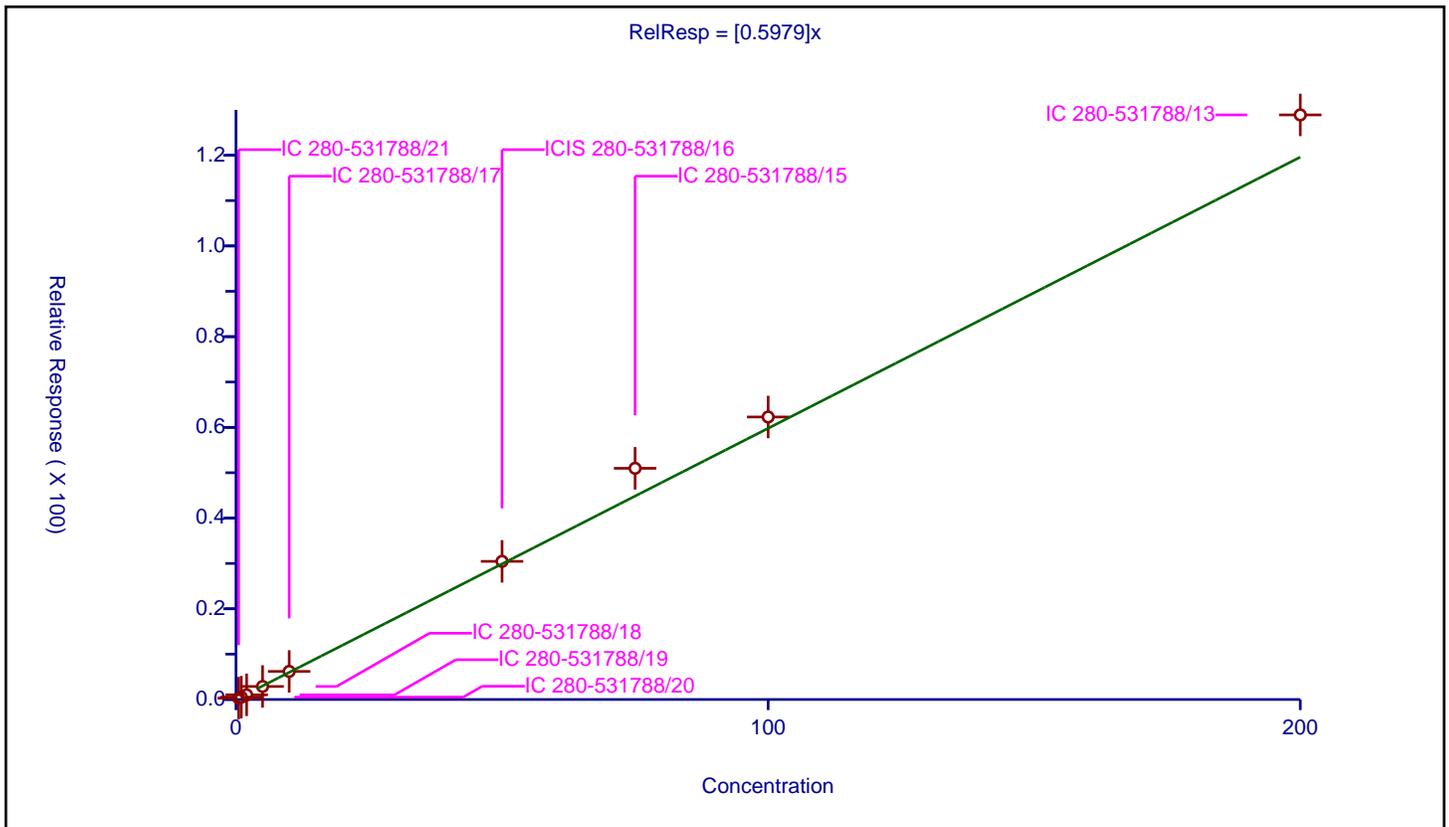
/ Carbon disulfide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5979

Error Coefficients	
Standard Error:	2490000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.301021	50.0	2328073.0	0.602043	Y
2	IC 280-531788/20	1.0	0.516219	50.0	2371476.0	0.516219	Y
3	IC 280-531788/19	2.0	1.026591	50.0	2325853.0	0.513296	Y
4	IC 280-531788/18	5.0	2.872738	50.0	2333210.0	0.574548	Y
5	IC 280-531788/17	10.0	6.193107	50.0	2329146.0	0.619311	Y
6	ICIS 280-531788/16	50.0	30.455679	50.0	2358061.0	0.609114	Y
7	IC 280-531788/15	75.0	50.975713	50.0	2304365.0	0.679676	Y
8	IC 280-531788/14	100.0	62.286184	50.0	2258545.0	0.622862	Y
9	IC 280-531788/13	200.0	128.893271	50.0	2268215.0	0.644466	Y



**Calibration**

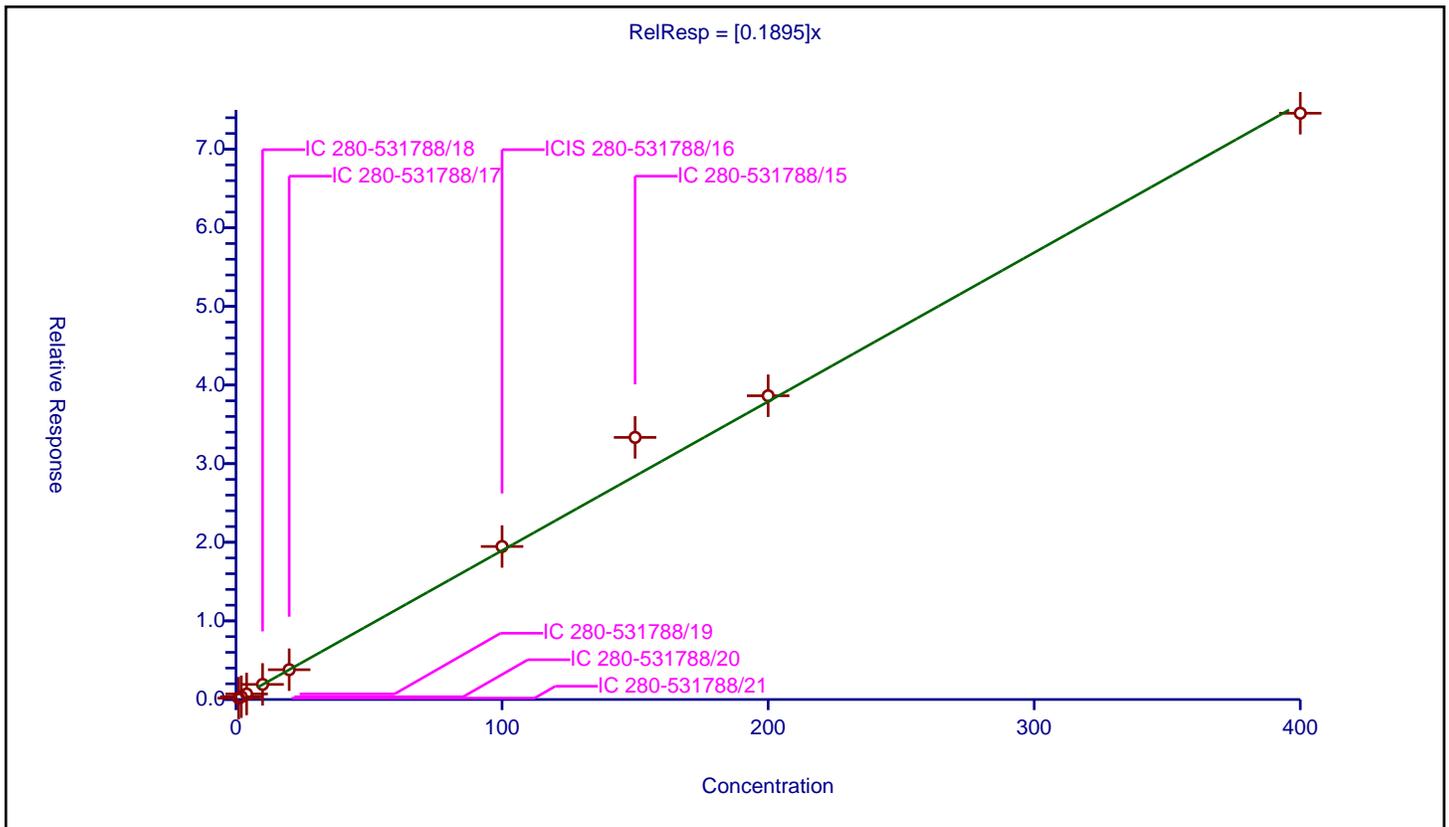
**/ Methyl acetate**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1895

Error Coefficients	
Standard Error:	1490000
Relative Standard Error:	7.7
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	1.0	0.175188	50.0	2328073.0	0.175188	Y
2	IC 280-531788/20	2.0	0.352101	50.0	2371476.0	0.176051	Y
3	IC 280-531788/19	4.0	0.703914	50.0	2325853.0	0.175978	Y
4	IC 280-531788/18	10.0	1.921302	50.0	2333210.0	0.19213	Y
5	IC 280-531788/17	20.0	3.790681	50.0	2329146.0	0.189534	Y
6	ICIS 280-531788/16	100.0	19.462601	50.0	2358061.0	0.194626	Y
7	IC 280-531788/15	150.0	33.338707	50.0	2304365.0	0.222258	Y
8	IC 280-531788/14	200.0	38.636113	50.0	2258545.0	0.193181	Y
9	IC 280-531788/13	400.0	74.575999	50.0	2268215.0	0.18644	Y



Calibration

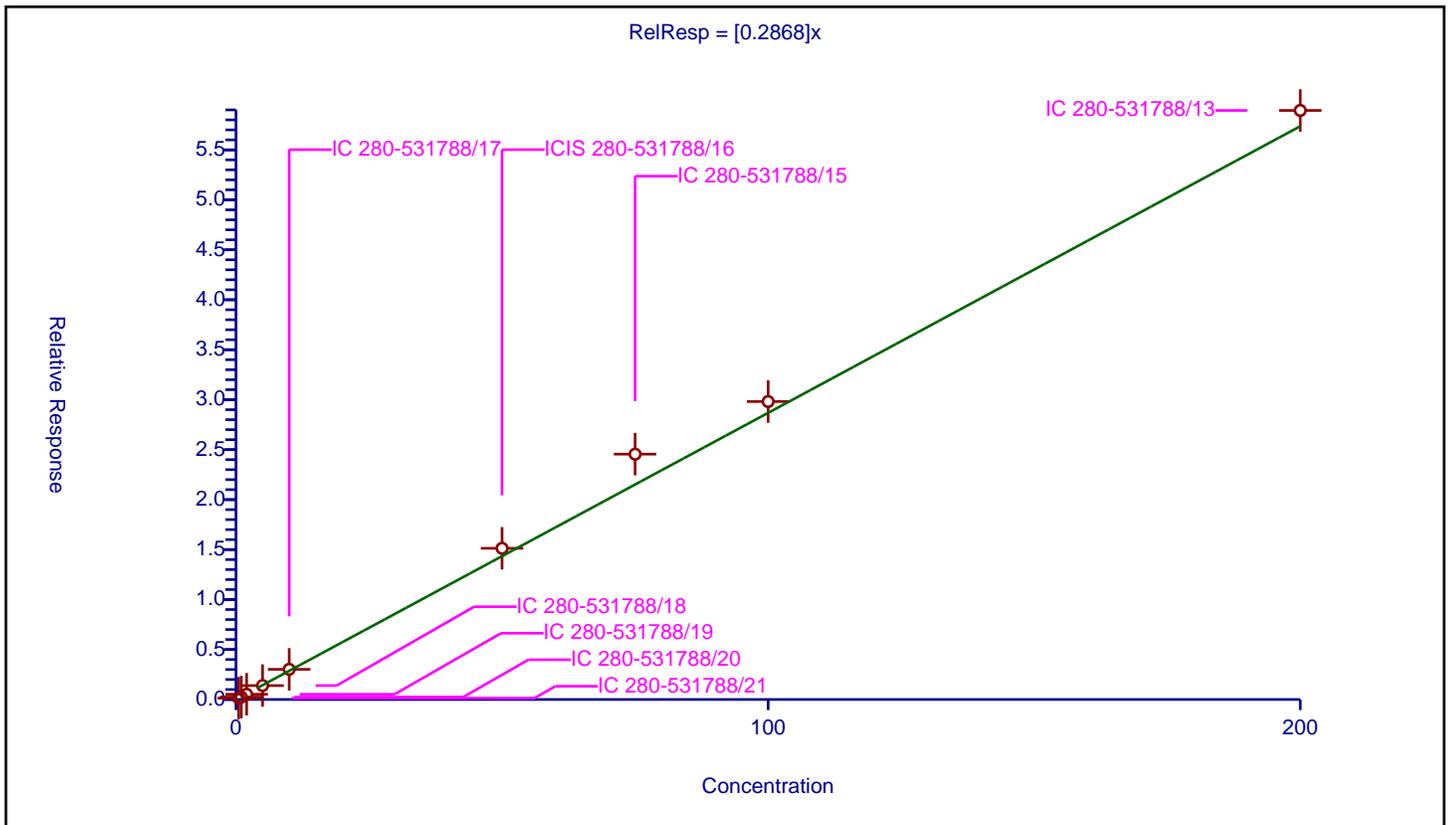
/ 3-Chloro-1-propene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2868

Error Coefficients	
Standard Error:	1160000
Relative Standard Error:	8.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.137216	50.0	2328073.0	0.274433	Y
2	IC 280-531788/20	1.0	0.242107	50.0	2371476.0	0.242107	Y
3	IC 280-531788/19	2.0	0.523743	50.0	2325853.0	0.261872	Y
4	IC 280-531788/18	5.0	1.392352	50.0	2333210.0	0.27847	Y
5	IC 280-531788/17	10.0	3.017372	50.0	2329146.0	0.301737	Y
6	ICIS 280-531788/16	50.0	15.129104	50.0	2358061.0	0.302582	Y
7	IC 280-531788/15	75.0	24.551709	50.0	2304365.0	0.327356	Y
8	IC 280-531788/14	100.0	29.814571	50.0	2258545.0	0.298146	Y
9	IC 280-531788/13	200.0	58.944743	50.0	2268215.0	0.294724	Y



**Calibration**

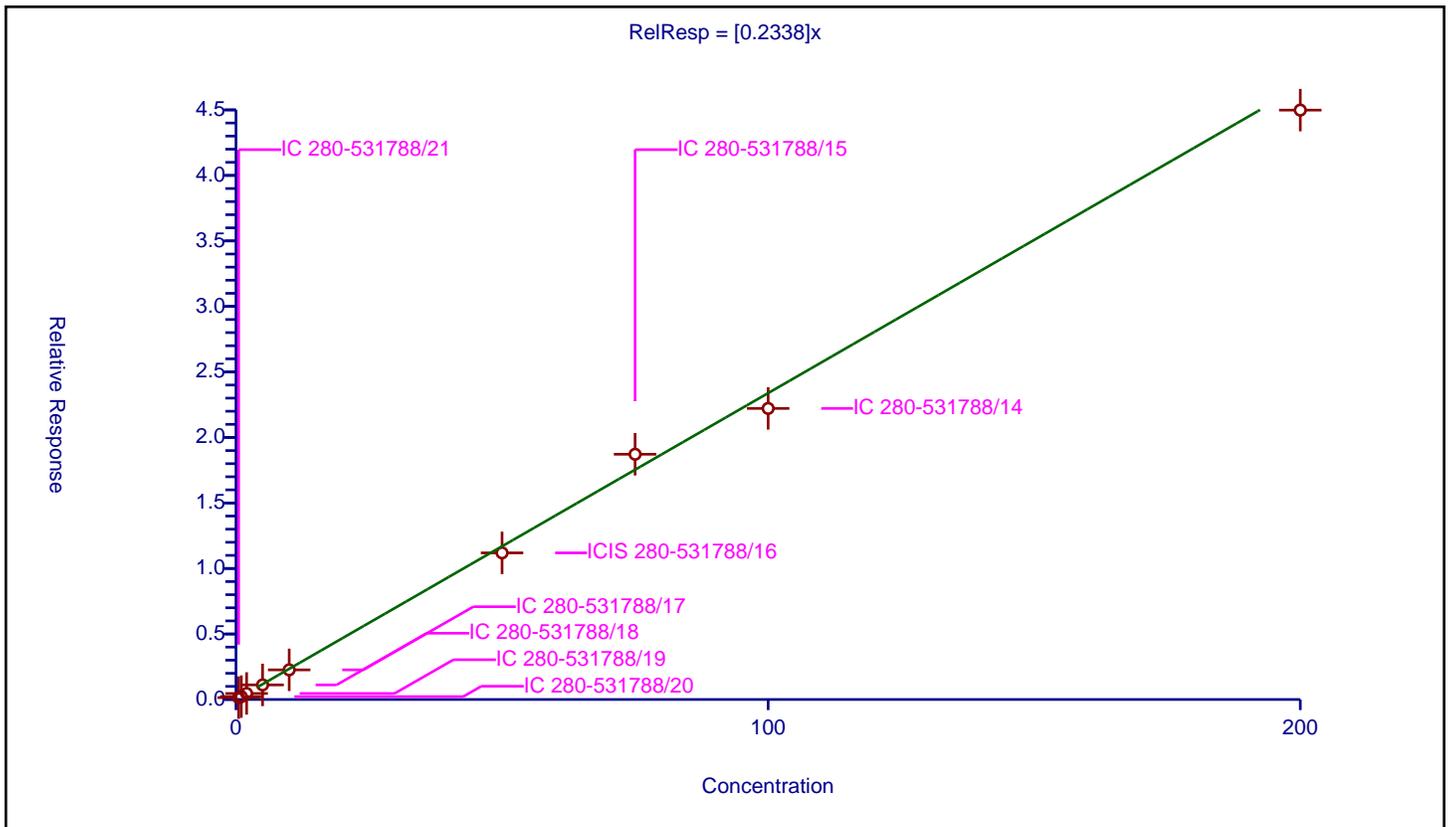
**/ Methylene Chloride**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2338

Error Coefficients	
Standard Error:	881000
Relative Standard Error:	8.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.141877	50.0	2328073.0	0.283754	Y
2	IC 280-531788/20	1.0	0.221044	50.0	2371476.0	0.221044	Y
3	IC 280-531788/19	2.0	0.460885	50.0	2325853.0	0.230442	Y
4	IC 280-531788/18	5.0	1.113852	50.0	2333210.0	0.22277	Y
5	IC 280-531788/17	10.0	2.261559	50.0	2329146.0	0.226156	Y
6	ICIS 280-531788/16	50.0	11.18913	50.0	2358061.0	0.223783	Y
7	IC 280-531788/15	75.0	18.717586	50.0	2304365.0	0.249568	Y
8	IC 280-531788/14	100.0	22.215032	50.0	2258545.0	0.22215	Y
9	IC 280-531788/13	200.0	44.984514	50.0	2268215.0	0.224923	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

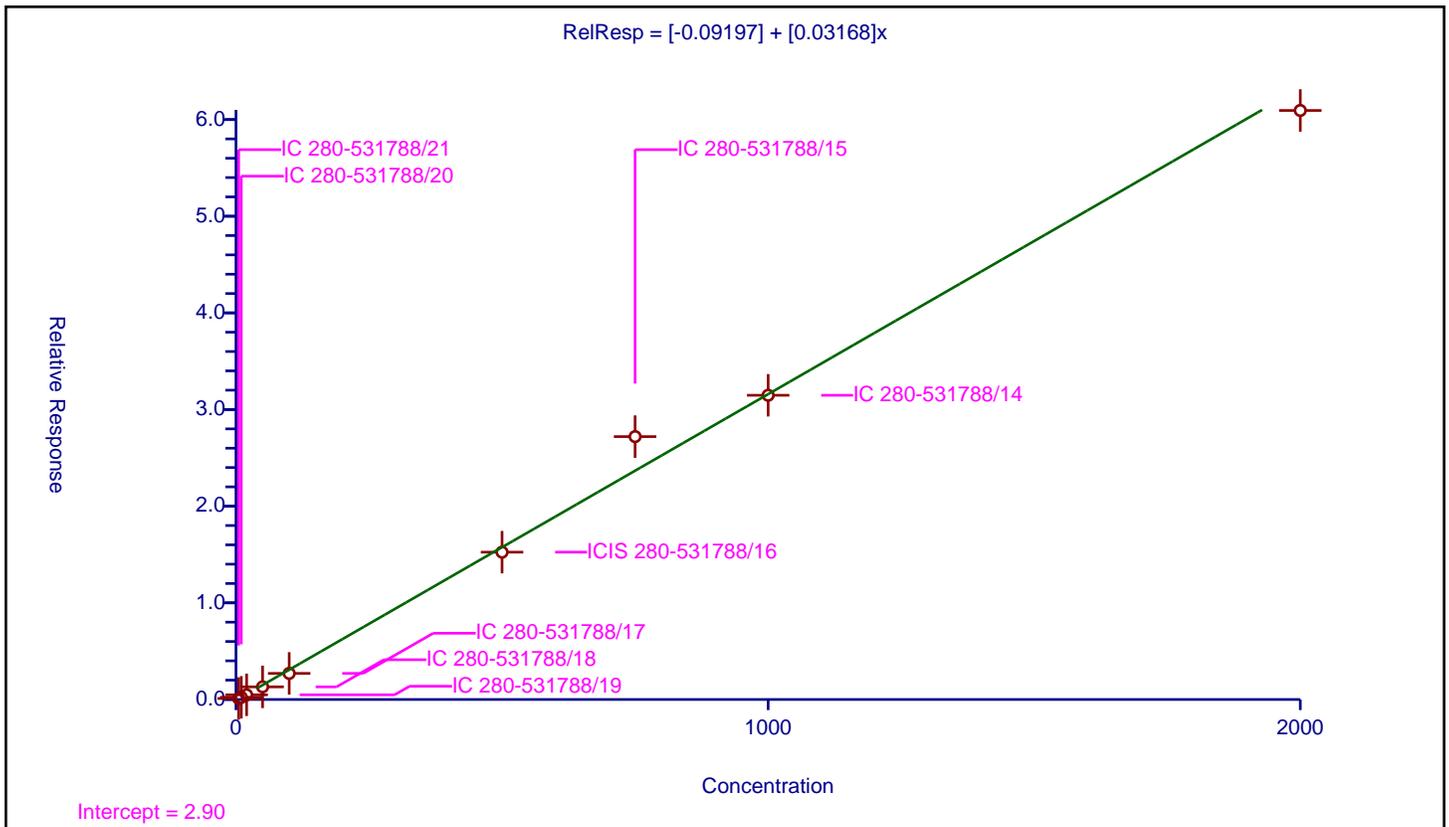
Curve Coefficients

Intercept: -0.09197  
 Slope: 0.03168

Error Coefficients

Standard Error: 1300000  
 Relative Standard Error: 13.1  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	5.0	0.104915	50.0	2328073.0	0.020983	Y
2	IC 280-531788/20	10.0	0.227158	50.0	2371476.0	0.022716	Y
3	IC 280-531788/19	20.0	0.483715	50.0	2325853.0	0.024186	Y
4	IC 280-531788/18	50.0	1.308241	50.0	2333210.0	0.026165	Y
5	IC 280-531788/17	100.0	2.699831	50.0	2329146.0	0.026998	Y
6	ICIS 280-531788/16	500.0	15.244092	50.0	2358061.0	0.030488	Y
7	IC 280-531788/15	750.0	27.197471	50.0	2304365.0	0.036263	Y
8	IC 280-531788/14	1000.0	31.475707	50.0	2258545.0	0.031476	Y
9	IC 280-531788/13	2000.0	60.940387	50.0	2268215.0	0.03047	Y



**Calibration**

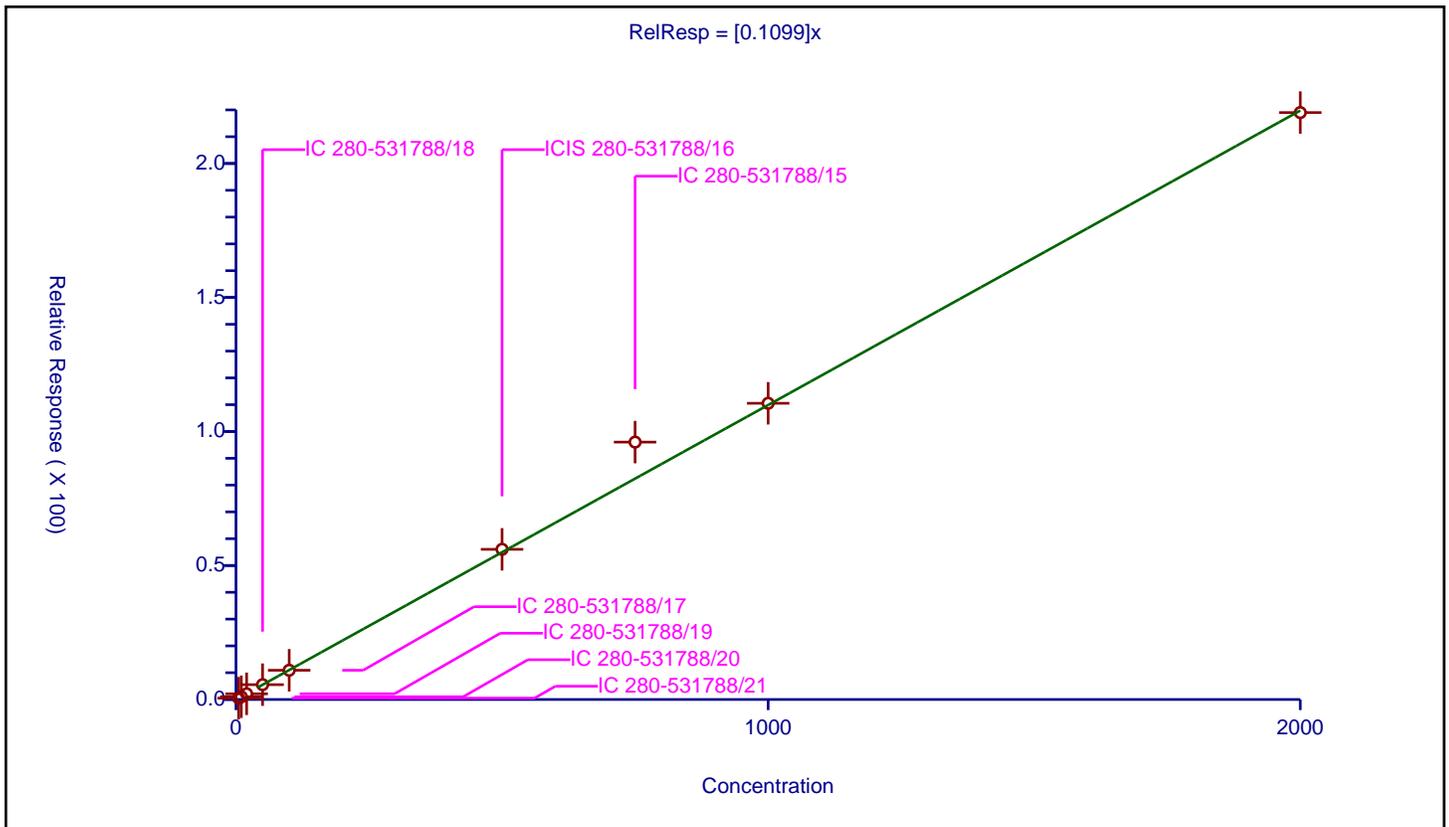
/ Acrylonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1099

Error Coefficients	
Standard Error:	4340000
Relative Standard Error:	7.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	5.0	0.502175	50.0	2328073.0	0.100435	Y
2	IC 280-531788/20	10.0	1.025669	50.0	2371476.0	0.102567	Y
3	IC 280-531788/19	20.0	2.119394	50.0	2325853.0	0.10597	Y
4	IC 280-531788/18	50.0	5.535635	50.0	2333210.0	0.110713	Y
5	IC 280-531788/17	100.0	10.906079	50.0	2329146.0	0.109061	Y
6	ICIS 280-531788/16	500.0	56.036103	50.0	2358061.0	0.112072	Y
7	IC 280-531788/15	750.0	96.045288	50.0	2304365.0	0.12806	Y
8	IC 280-531788/14	1000.0	110.530076	50.0	2258545.0	0.11053	Y
9	IC 280-531788/13	2000.0	218.996105	50.0	2268215.0	0.109498	Y



**Calibration**

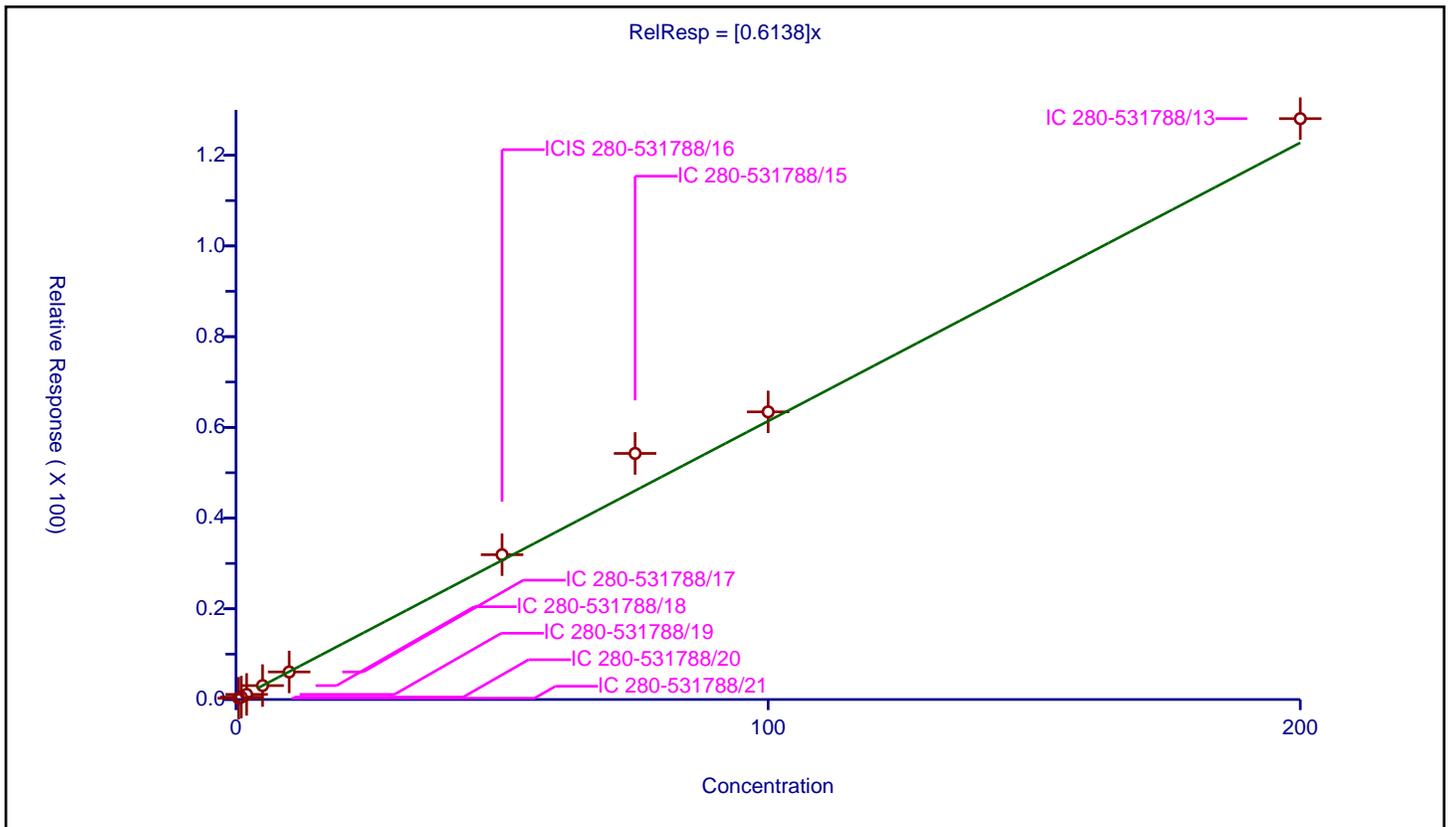
/ Methyl tert-butyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6138

Error Coefficients	
Standard Error:	2510000
Relative Standard Error:	9.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.285923	50.0	2328073.0	0.571846	Y
2	IC 280-531788/20	1.0	0.532263	50.0	2371476.0	0.532263	Y
3	IC 280-531788/19	2.0	1.126941	50.0	2325853.0	0.563471	Y
4	IC 280-531788/18	5.0	3.063483	50.0	2333210.0	0.612697	Y
5	IC 280-531788/17	10.0	6.076133	50.0	2329146.0	0.607613	Y
6	ICIS 280-531788/16	50.0	31.926146	50.0	2358061.0	0.638523	Y
7	IC 280-531788/15	75.0	54.256704	50.0	2304365.0	0.723423	Y
8	IC 280-531788/14	100.0	63.415827	50.0	2258545.0	0.634158	Y
9	IC 280-531788/13	200.0	128.069716	50.0	2268215.0	0.640349	Y



Calibration

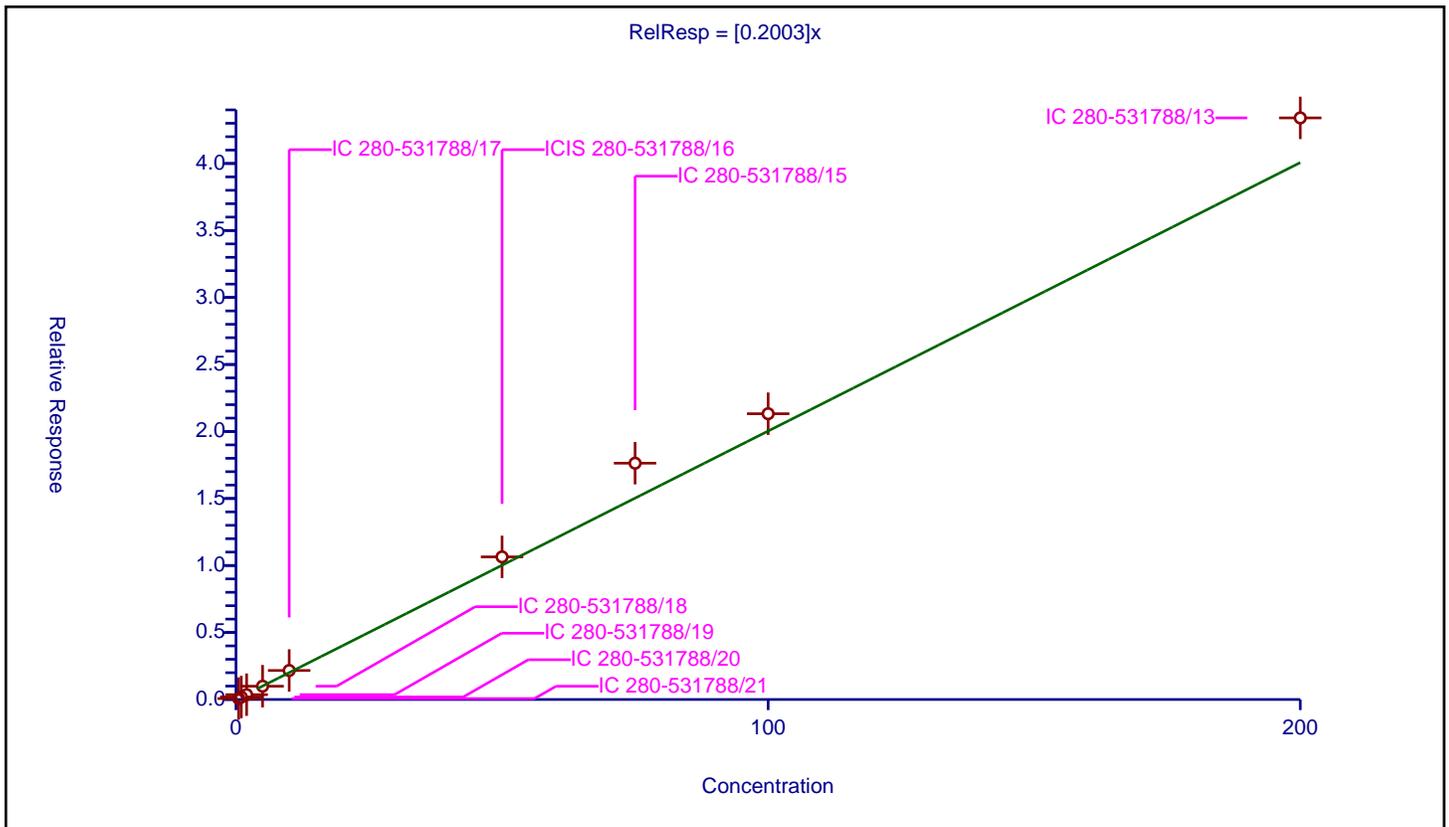
/ trans-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2003

Error Coefficients	
Standard Error:	846000
Relative Standard Error:	13.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.070896	50.0	2328073.0	0.141791	Y
2	IC 280-531788/20	1.0	0.187457	50.0	2371476.0	0.187457	Y
3	IC 280-531788/19	2.0	0.361695	50.0	2325853.0	0.180848	Y
4	IC 280-531788/18	5.0	0.991381	50.0	2333210.0	0.198276	Y
5	IC 280-531788/17	10.0	2.165042	50.0	2329146.0	0.216504	Y
6	ICIS 280-531788/16	50.0	10.642748	50.0	2358061.0	0.212855	Y
7	IC 280-531788/15	75.0	17.634424	50.0	2304365.0	0.235126	Y
8	IC 280-531788/14	100.0	21.325057	50.0	2258545.0	0.213251	Y
9	IC 280-531788/13	200.0	43.401485	50.0	2268215.0	0.217007	Y



Calibration

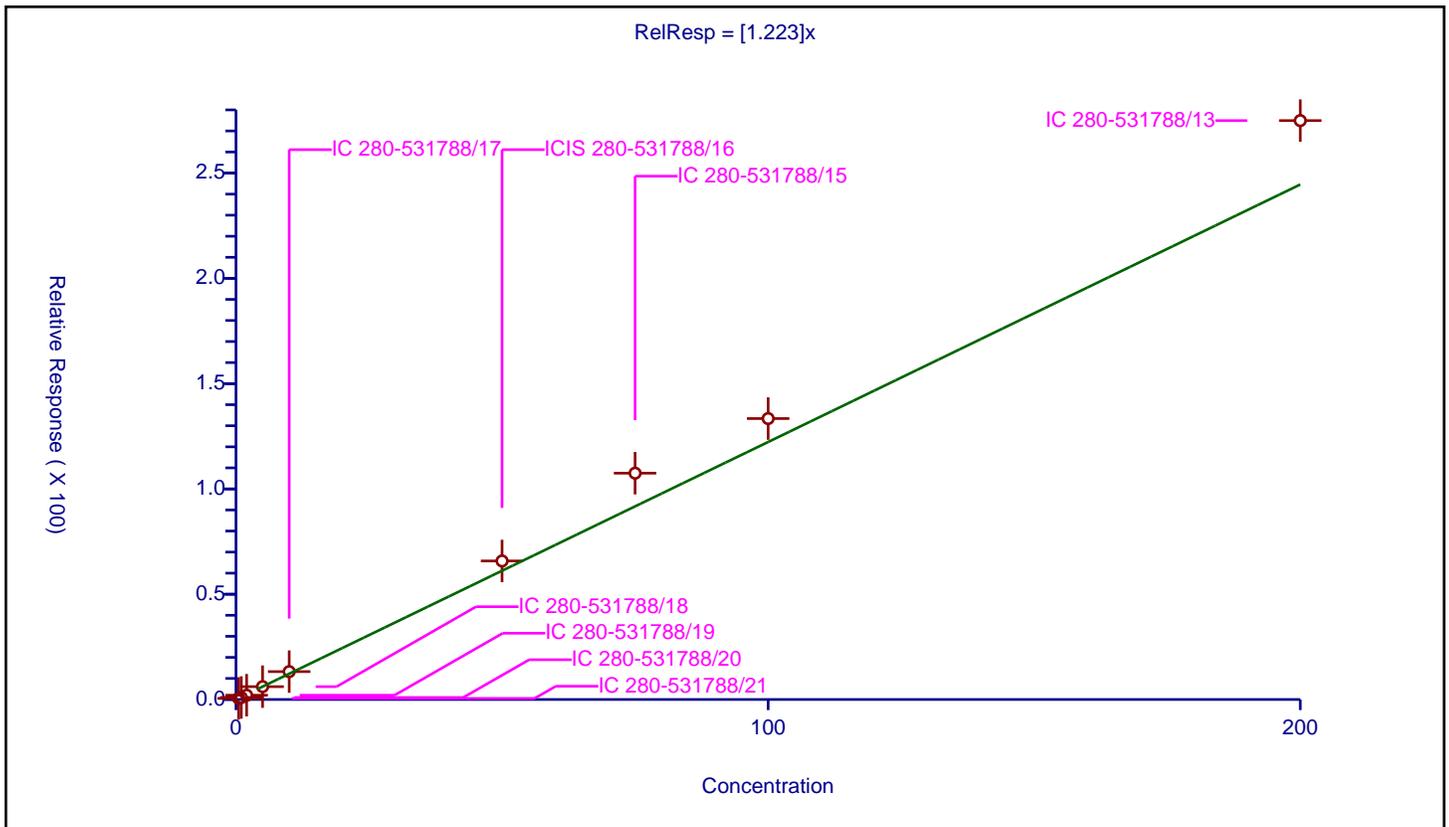
/ Hexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.223

Error Coefficients	
Standard Error:	1240000
Relative Standard Error:	14.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.521896	50.0	526446.0	1.043792	Y
2	IC 280-531788/20	1.0	0.945639	50.0	533449.0	0.945639	Y
3	IC 280-531788/19	2.0	2.029448	50.0	524182.0	1.014724	Y
4	IC 280-531788/18	5.0	6.101179	50.0	529873.0	1.220236	Y
5	IC 280-531788/17	10.0	13.234536	50.0	525621.0	1.323454	Y
6	ICIS 280-531788/16	50.0	65.78806	50.0	539851.0	1.315761	Y
7	IC 280-531788/15	75.0	107.484329	50.0	538091.0	1.433124	Y
8	IC 280-531788/14	100.0	133.414647	50.0	518364.0	1.334146	Y
9	IC 280-531788/13	200.0	274.908641	50.0	528684.0	1.374543	Y



**Calibration**

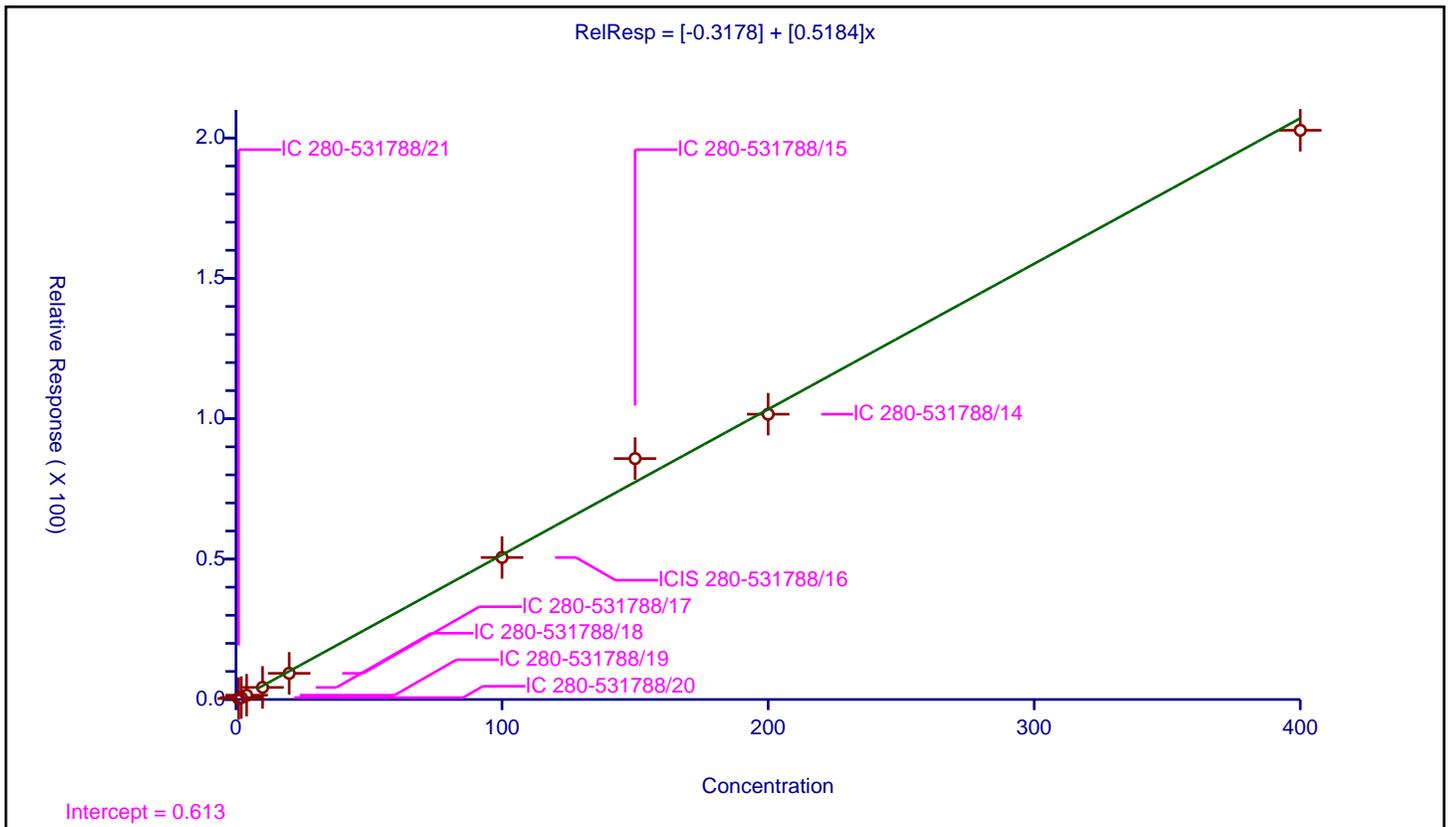
/ Vinyl acetate

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.3178
Slope:	0.5184

Error Coefficients	
Standard Error:	4260000
Relative Standard Error:	12.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	1.0	0.340002	50.0	2328073.0	0.340002	Y
2	IC 280-531788/20	2.0	0.684321	50.0	2371476.0	0.34216	Y
3	IC 280-531788/19	4.0	1.530428	50.0	2325853.0	0.382607	Y
4	IC 280-531788/18	10.0	4.301092	50.0	2333210.0	0.430109	Y
5	IC 280-531788/17	20.0	9.322	50.0	2329146.0	0.4661	Y
6	ICIS 280-531788/16	100.0	50.572886	50.0	2358061.0	0.505729	Y
7	IC 280-531788/15	150.0	85.81657	50.0	2304365.0	0.57211	Y
8	IC 280-531788/14	200.0	101.618453	50.0	2258545.0	0.508092	Y
9	IC 280-531788/13	400.0	202.738717	50.0	2268215.0	0.506847	Y



Calibration

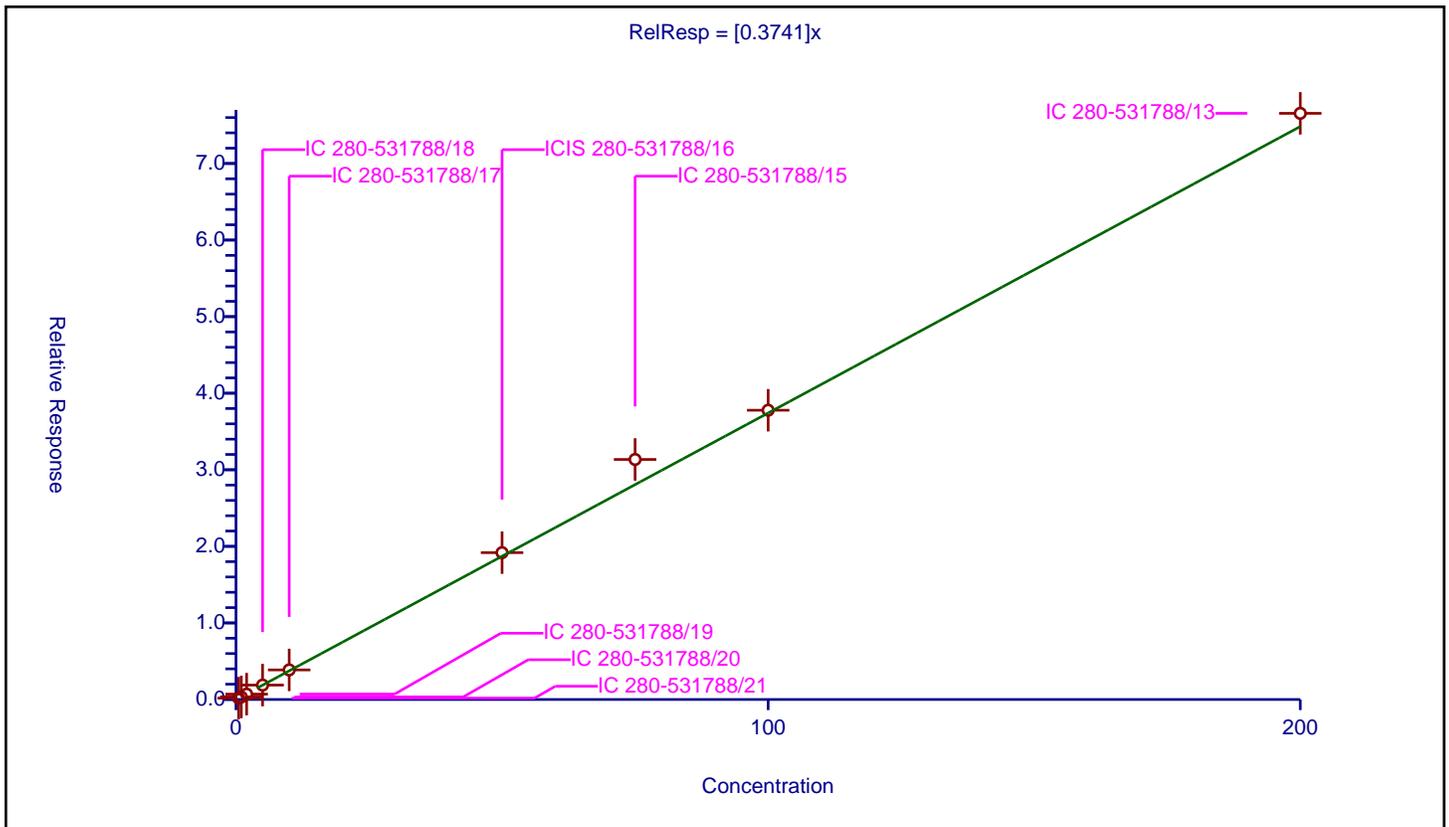
/ 1,1-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3741

Error Coefficients	
Standard Error:	1500000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.179247	50.0	2328073.0	0.358494	Y
2	IC 280-531788/20	1.0	0.333611	50.0	2371476.0	0.333611	Y
3	IC 280-531788/19	2.0	0.701055	50.0	2325853.0	0.350527	Y
4	IC 280-531788/18	5.0	1.880478	50.0	2333210.0	0.376096	Y
5	IC 280-531788/17	10.0	3.863755	50.0	2329146.0	0.386376	Y
6	ICIS 280-531788/16	50.0	19.177875	50.0	2358061.0	0.383558	Y
7	IC 280-531788/15	75.0	31.347464	50.0	2304365.0	0.417966	Y
8	IC 280-531788/14	100.0	37.776356	50.0	2258545.0	0.377764	Y
9	IC 280-531788/13	200.0	76.548894	50.0	2268215.0	0.382744	Y



**Calibration**

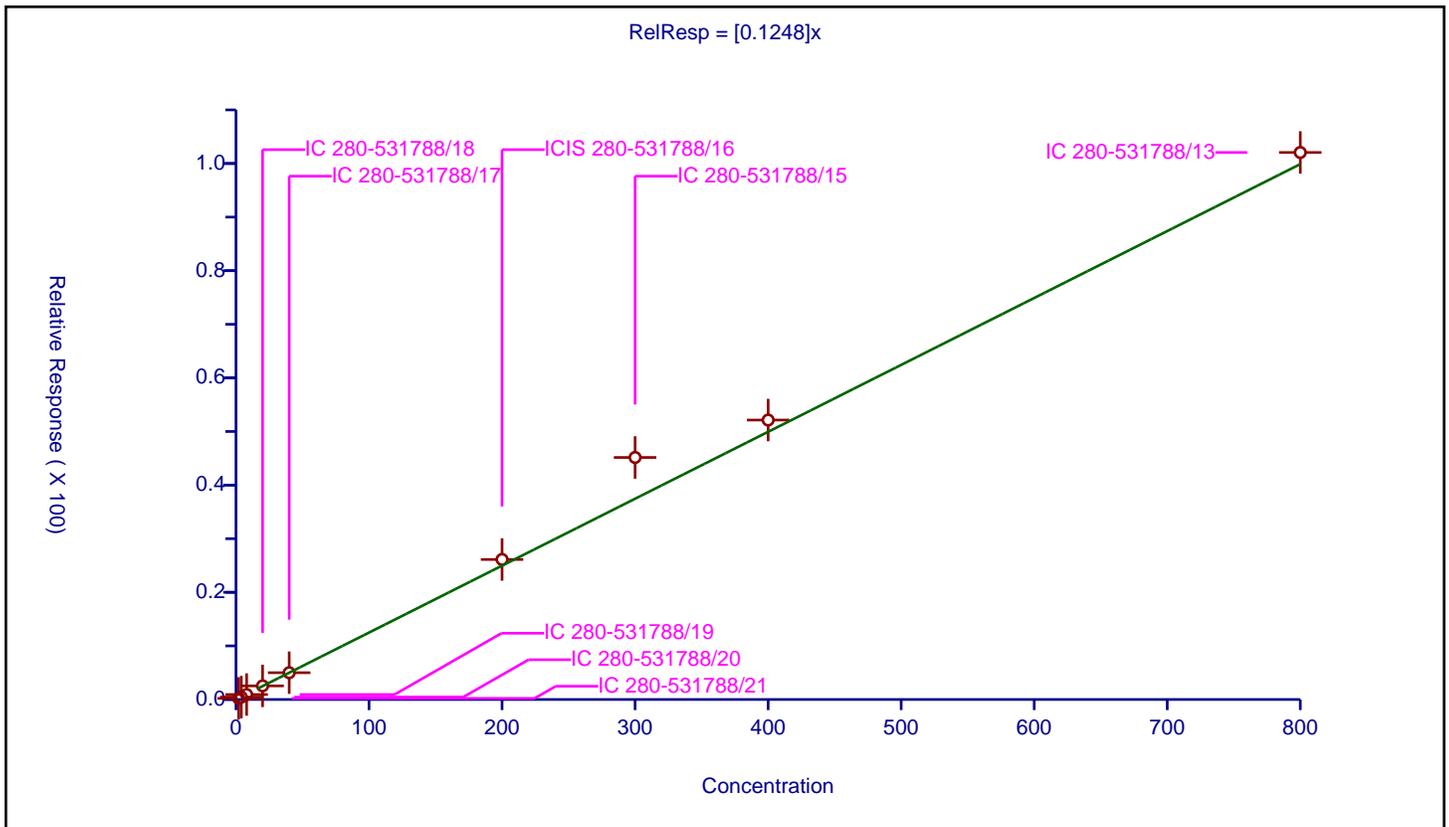
**/ 2-Butanone (MEK)**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1248

Error Coefficients	
Standard Error:	2030000
Relative Standard Error:	10.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	2.0	0.20983	50.0	2328073.0	0.104915	Y
2	IC 280-531788/20	4.0	0.446494	50.0	2371476.0	0.111624	Y
3	IC 280-531788/19	8.0	0.92781	50.0	2325853.0	0.115976	Y
4	IC 280-531788/18	20.0	2.540877	50.0	2333210.0	0.127044	Y
5	IC 280-531788/17	40.0	5.000674	50.0	2329146.0	0.125017	Y
6	ICIS 280-531788/16	200.0	26.123412	50.0	2358061.0	0.130617	Y
7	IC 280-531788/15	300.0	45.153415	50.0	2304365.0	0.150511	Y
8	IC 280-531788/14	400.0	52.13642	50.0	2258545.0	0.130341	Y
9	IC 280-531788/13	800.0	102.055934	50.0	2268215.0	0.12757	Y



Calibration

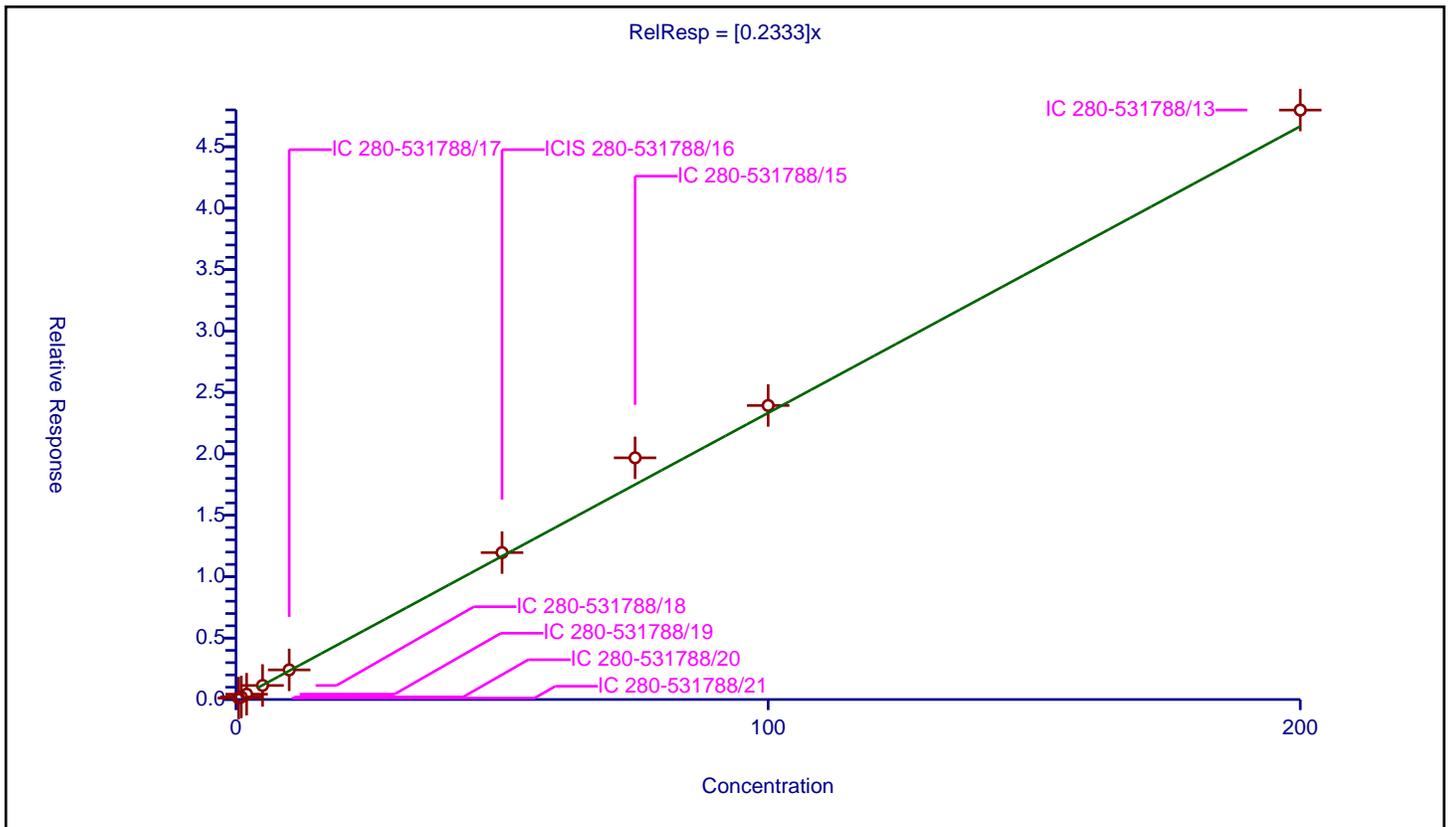
/ cis-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2333

Error Coefficients	
Standard Error:	940000
Relative Standard Error:	6.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.112325	50.0	2328073.0	0.224649	Y
2	IC 280-531788/20	1.0	0.207613	50.0	2371476.0	0.207613	Y
3	IC 280-531788/19	2.0	0.433862	50.0	2325853.0	0.216931	Y
4	IC 280-531788/18	5.0	1.143446	50.0	2333210.0	0.228689	Y
5	IC 280-531788/17	10.0	2.409853	50.0	2329146.0	0.240985	Y
6	ICIS 280-531788/16	50.0	11.959063	50.0	2358061.0	0.239181	Y
7	IC 280-531788/15	75.0	19.675312	50.0	2304365.0	0.262337	Y
8	IC 280-531788/14	100.0	23.936716	50.0	2258545.0	0.239367	Y
9	IC 280-531788/13	200.0	47.986567	50.0	2268215.0	0.239933	Y



Calibration

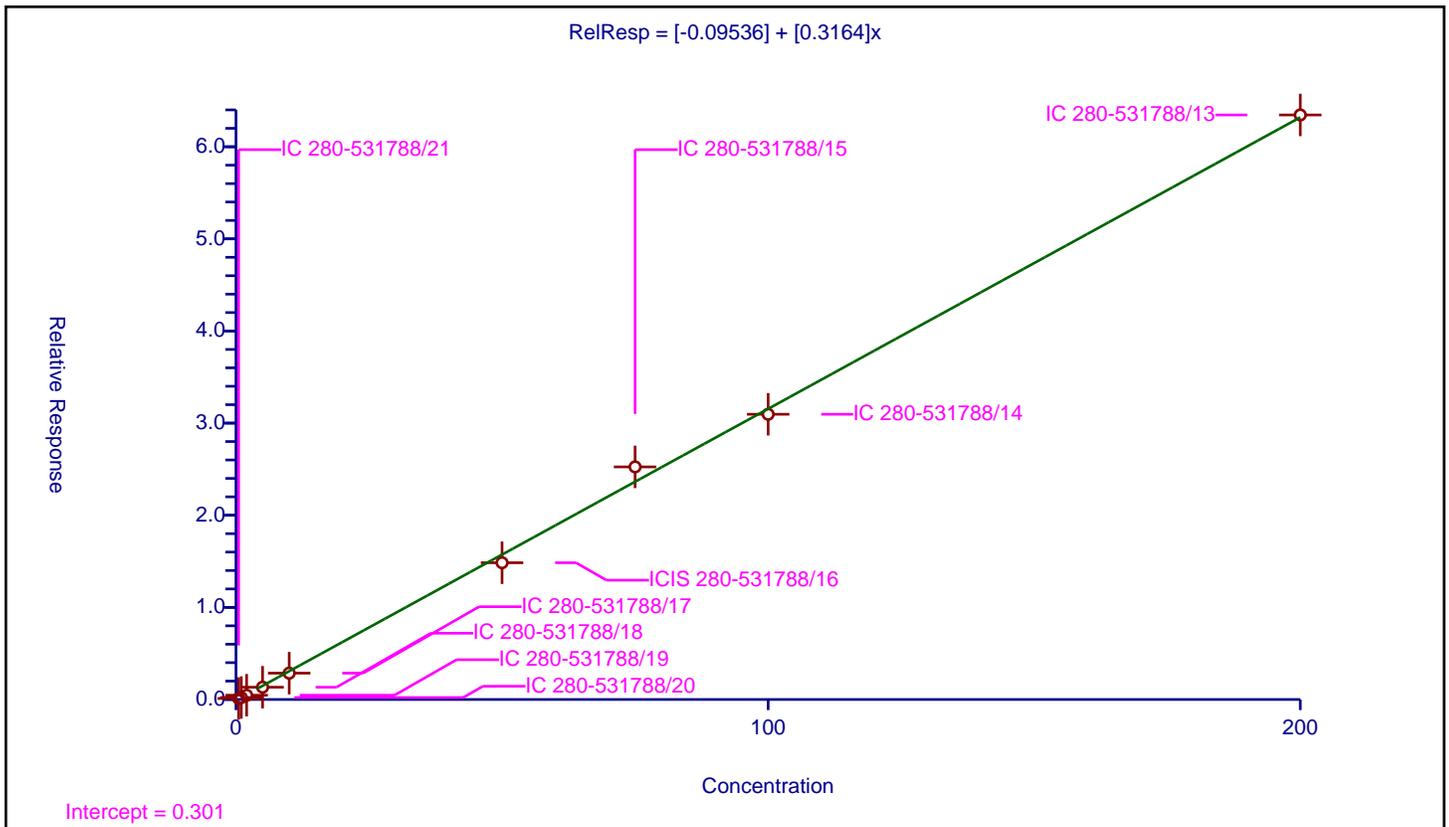
/ 2,2-Dichloropropane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.09536
Slope:	0.3164

Error Coefficients	
Standard Error:	1320000
Relative Standard Error:	13.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.110606	50.0	2328073.0	0.221213	Y
2	IC 280-531788/20	1.0	0.214676	50.0	2371476.0	0.214676	Y
3	IC 280-531788/19	2.0	0.464432	50.0	2325853.0	0.232216	Y
4	IC 280-531788/18	5.0	1.333206	50.0	2333210.0	0.266641	Y
5	IC 280-531788/17	10.0	2.858859	50.0	2329146.0	0.285886	Y
6	ICIS 280-531788/16	50.0	14.844506	50.0	2358061.0	0.29689	Y
7	IC 280-531788/15	75.0	25.247671	50.0	2304365.0	0.336636	Y
8	IC 280-531788/14	100.0	30.962057	50.0	2258545.0	0.309621	Y
9	IC 280-531788/13	200.0	63.4491	50.0	2268215.0	0.317245	Y



**Calibration**

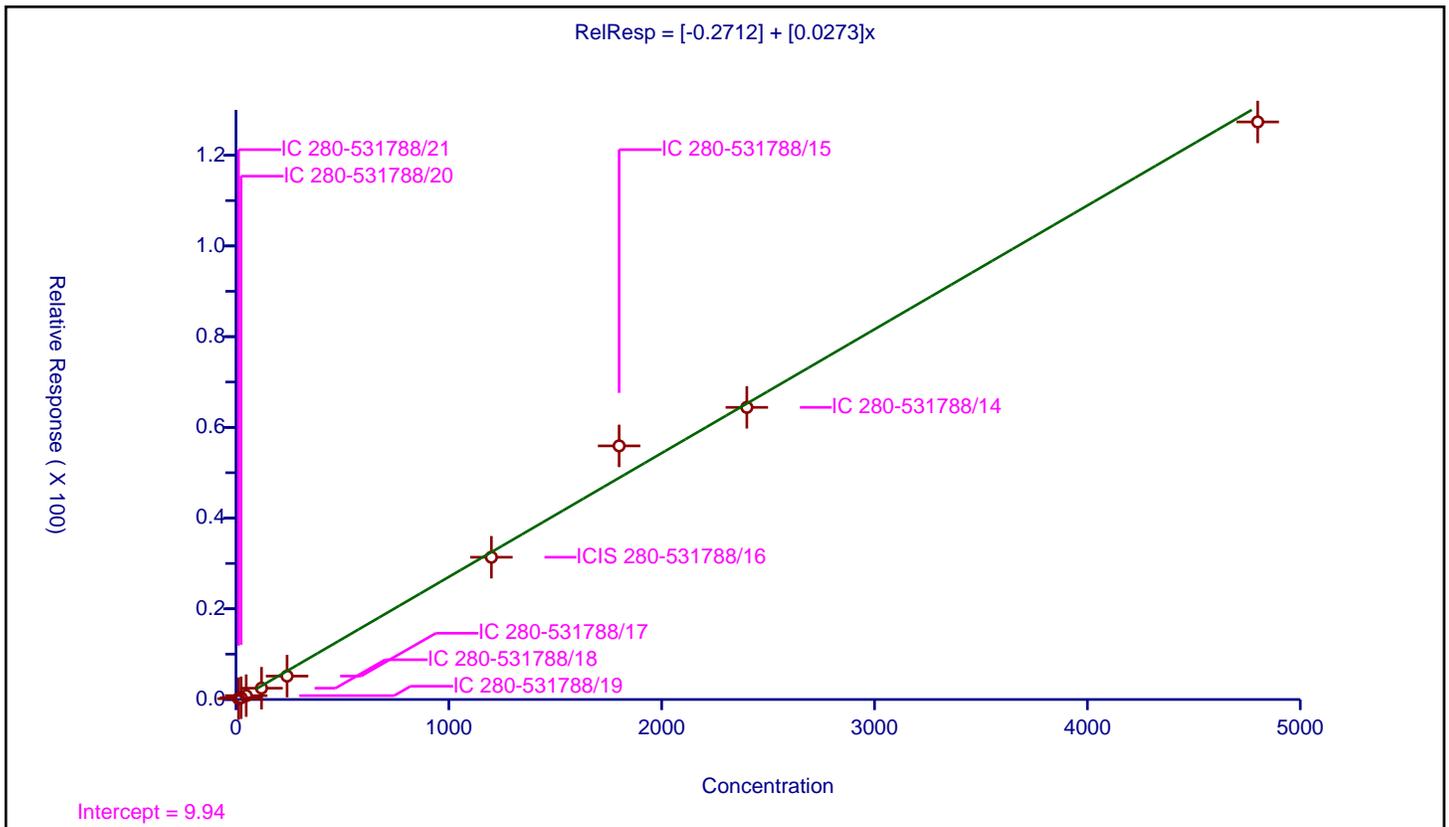
/ sec-Butyl Alcohol

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.2712
Slope:	0.0273

Error Coefficients	
Standard Error:	2690000
Relative Standard Error:	18.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	12.0	0.184638	50.0	2328073.0	0.015386	Y
2	IC 280-531788/20	24.0	0.388366	50.0	2371476.0	0.016182	Y
3	IC 280-531788/19	48.0	0.852633	50.0	2325853.0	0.017763	Y
4	IC 280-531788/18	120.0	2.494396	50.0	2333210.0	0.020787	Y
5	IC 280-531788/17	240.0	5.160668	50.0	2329146.0	0.021503	Y
6	ICIS 280-531788/16	1200.0	31.37069	50.0	2358061.0	0.026142	Y
7	IC 280-531788/15	1800.0	55.914775	50.0	2304365.0	0.031064	Y
8	IC 280-531788/14	2400.0	64.412088	50.0	2258545.0	0.026838	Y
9	IC 280-531788/13	4800.0	127.345424	50.0	2268215.0	0.02653	Y



**Calibration**

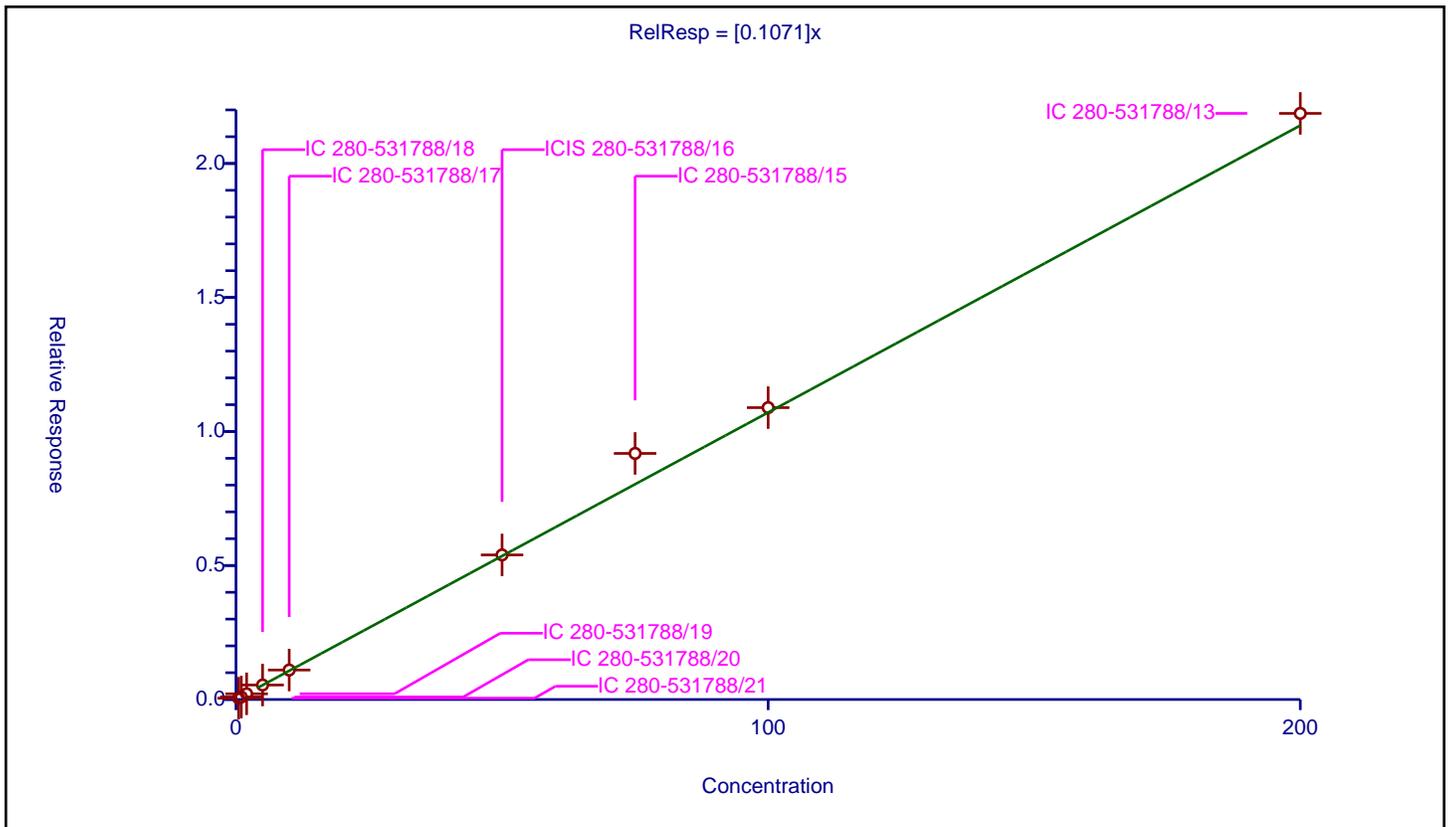
**/ Chlorobromomethane**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1071

Error Coefficients	
Standard Error:	429000
Relative Standard Error:	7.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.048602	50.0	2328073.0	0.097205	Y
2	IC 280-531788/20	1.0	0.093802	50.0	2371476.0	0.093802	Y
3	IC 280-531788/19	2.0	0.212438	50.0	2325853.0	0.106219	Y
4	IC 280-531788/18	5.0	0.540436	50.0	2333210.0	0.108087	Y
5	IC 280-531788/17	10.0	1.099545	50.0	2329146.0	0.109954	Y
6	ICIS 280-531788/16	50.0	5.394623	50.0	2358061.0	0.107892	Y
7	IC 280-531788/15	75.0	9.181315	50.0	2304365.0	0.122418	Y
8	IC 280-531788/14	100.0	10.889953	50.0	2258545.0	0.1089	Y
9	IC 280-531788/13	200.0	21.869069	50.0	2268215.0	0.109345	Y



**Calibration**

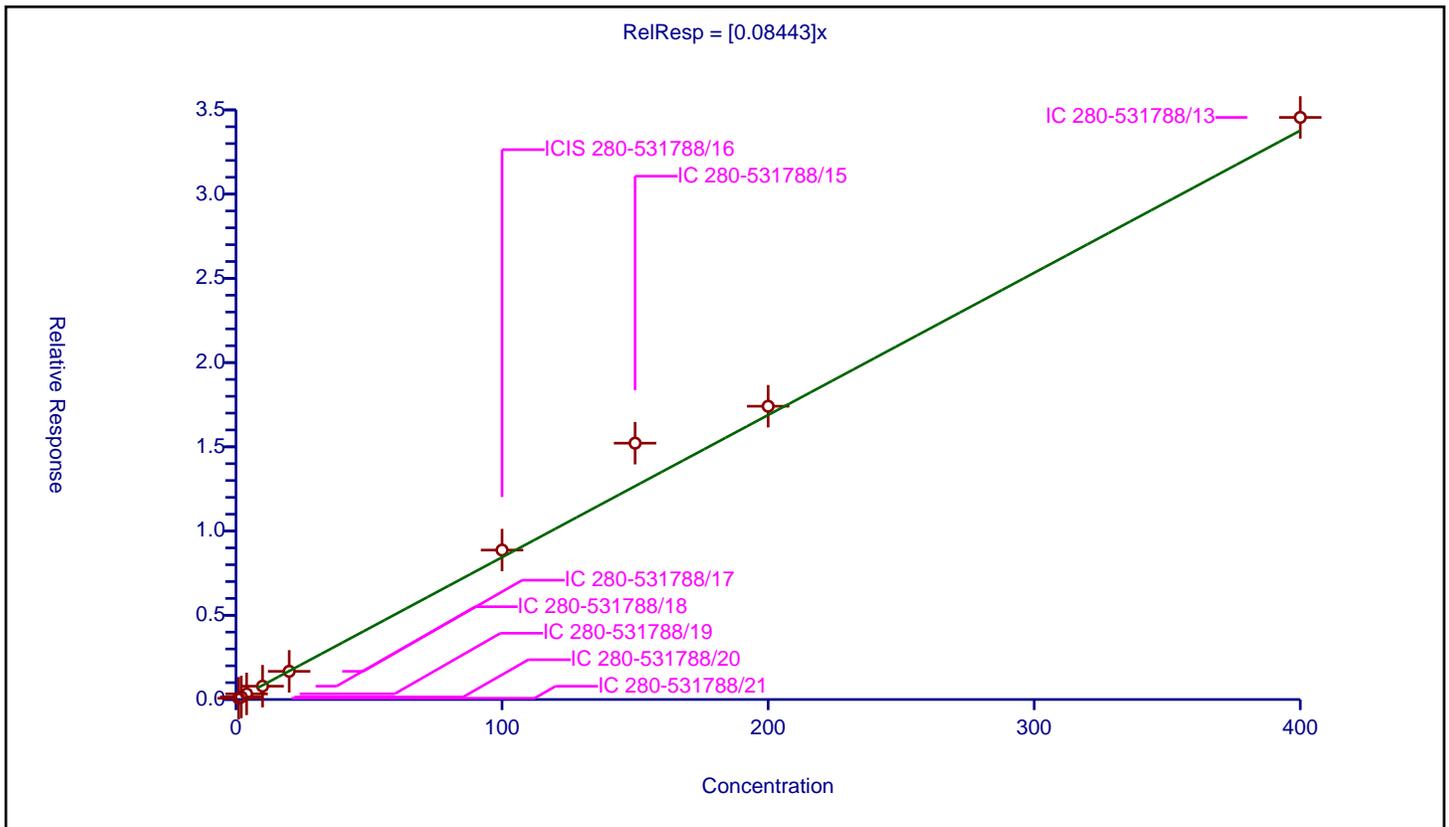
/ Tetrahydrofuran

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.08443

Error Coefficients	
Standard Error:	685000
Relative Standard Error:	9.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	1.0	0.075513	50.0	2328073.0	0.075513	Y
2	IC 280-531788/20	2.0	0.149801	50.0	2371476.0	0.074901	Y
3	IC 280-531788/19	4.0	0.333104	50.0	2325853.0	0.083276	Y
4	IC 280-531788/18	10.0	0.790413	50.0	2333210.0	0.079041	Y
5	IC 280-531788/17	20.0	1.6716	50.0	2329146.0	0.08358	Y
6	ICIS 280-531788/16	100.0	8.870042	50.0	2358061.0	0.0887	Y
7	IC 280-531788/15	150.0	15.216578	50.0	2304365.0	0.101444	Y
8	IC 280-531788/14	200.0	17.408841	50.0	2258545.0	0.087044	Y
9	IC 280-531788/13	400.0	34.552633	50.0	2268215.0	0.086382	Y



**Calibration**

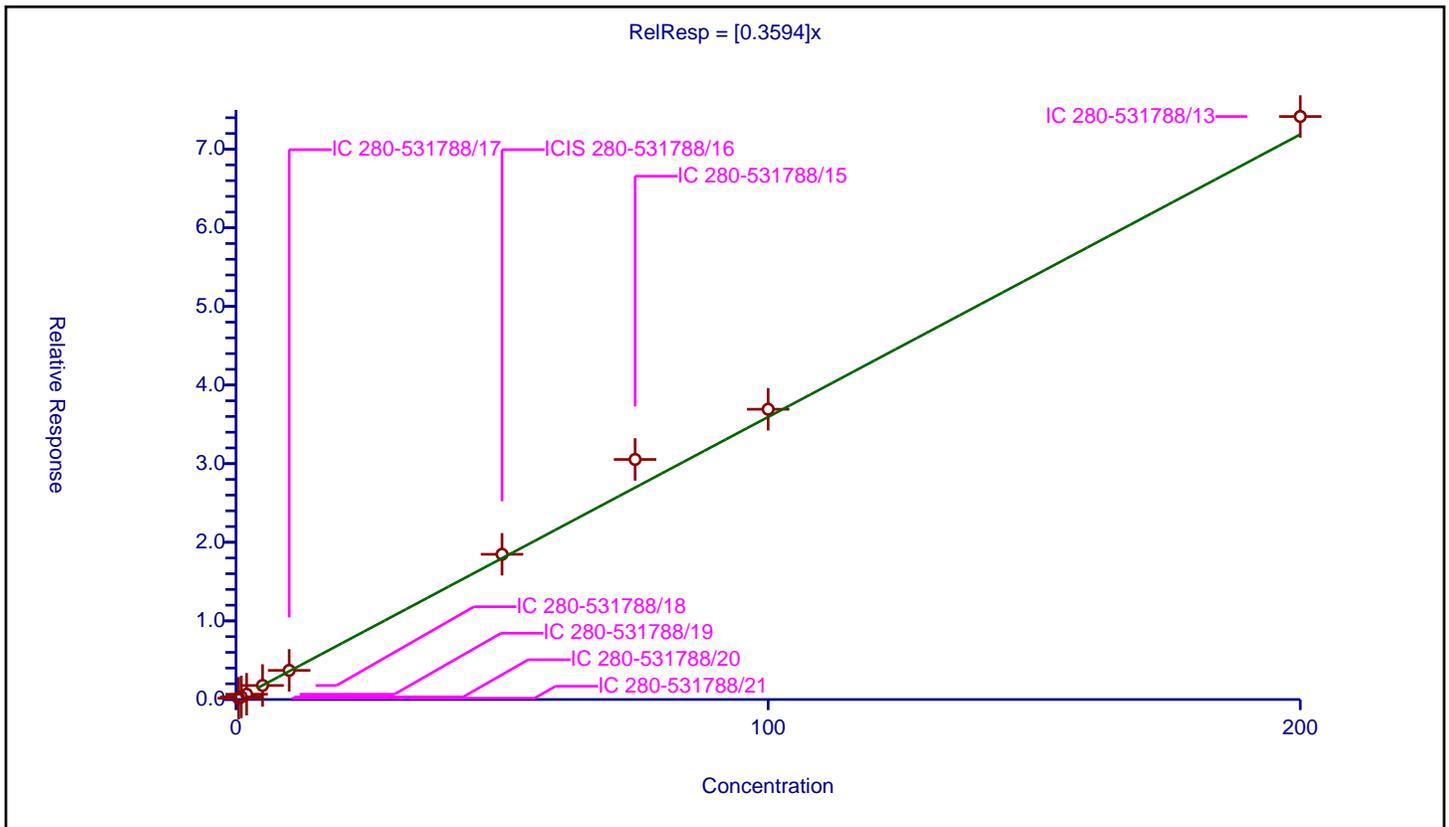
/ Chloroform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3594

Error Coefficients	
Standard Error:	1450000
Relative Standard Error:	7.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.161979	50.0	2328073.0	0.323959	Y
2	IC 280-531788/20	1.0	0.330174	50.0	2371476.0	0.330174	Y
3	IC 280-531788/19	2.0	0.671926	50.0	2325853.0	0.335963	Y
4	IC 280-531788/18	5.0	1.786637	50.0	2333210.0	0.357327	Y
5	IC 280-531788/17	10.0	3.704727	50.0	2329146.0	0.370473	Y
6	ICIS 280-531788/16	50.0	18.469857	50.0	2358061.0	0.369397	Y
7	IC 280-531788/15	75.0	30.535223	50.0	2304365.0	0.407136	Y
8	IC 280-531788/14	100.0	36.92127	50.0	2258545.0	0.369213	Y
9	IC 280-531788/13	200.0	74.161378	50.0	2268215.0	0.370807	Y



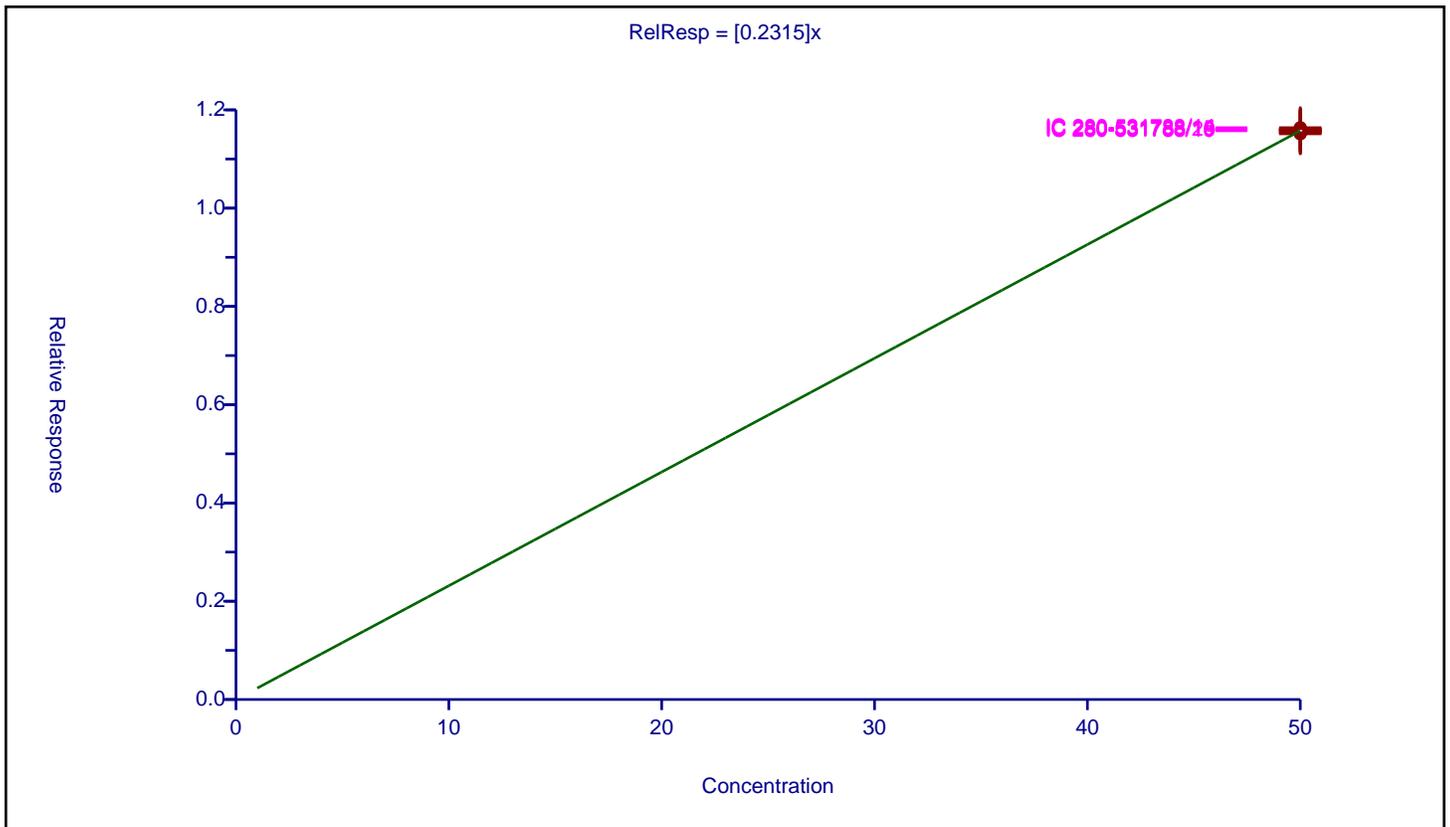
**Calibration**

/ Dibromofluoromethane (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2315
Error Coefficients	
Standard Error:	570000
Relative Standard Error:	0.3
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/13	50.0	11.548751	50.0	2268215.0	0.230975	Y
2	IC 280-531788/14	50.0	11.637869	50.0	2258545.0	0.232757	Y
3	IC 280-531788/15	50.0	11.603175	50.0	2304365.0	0.232063	Y
4	ICIS 280-531788/16	50.0	11.532335	50.0	2358061.0	0.230647	Y
5	IC 280-531788/17	50.0	11.51349	50.0	2329146.0	0.23027	Y
6	IC 280-531788/18	50.0	11.59737	50.0	2333210.0	0.231947	Y
7	IC 280-531788/19	50.0	11.574958	50.0	2325853.0	0.231499	Y
8	IC 280-531788/20	50.0	11.601467	50.0	2371476.0	0.232029	Y
9	IC 280-531788/21	50.0	11.56349	50.0	2328073.0	0.23127	Y



**Calibration**

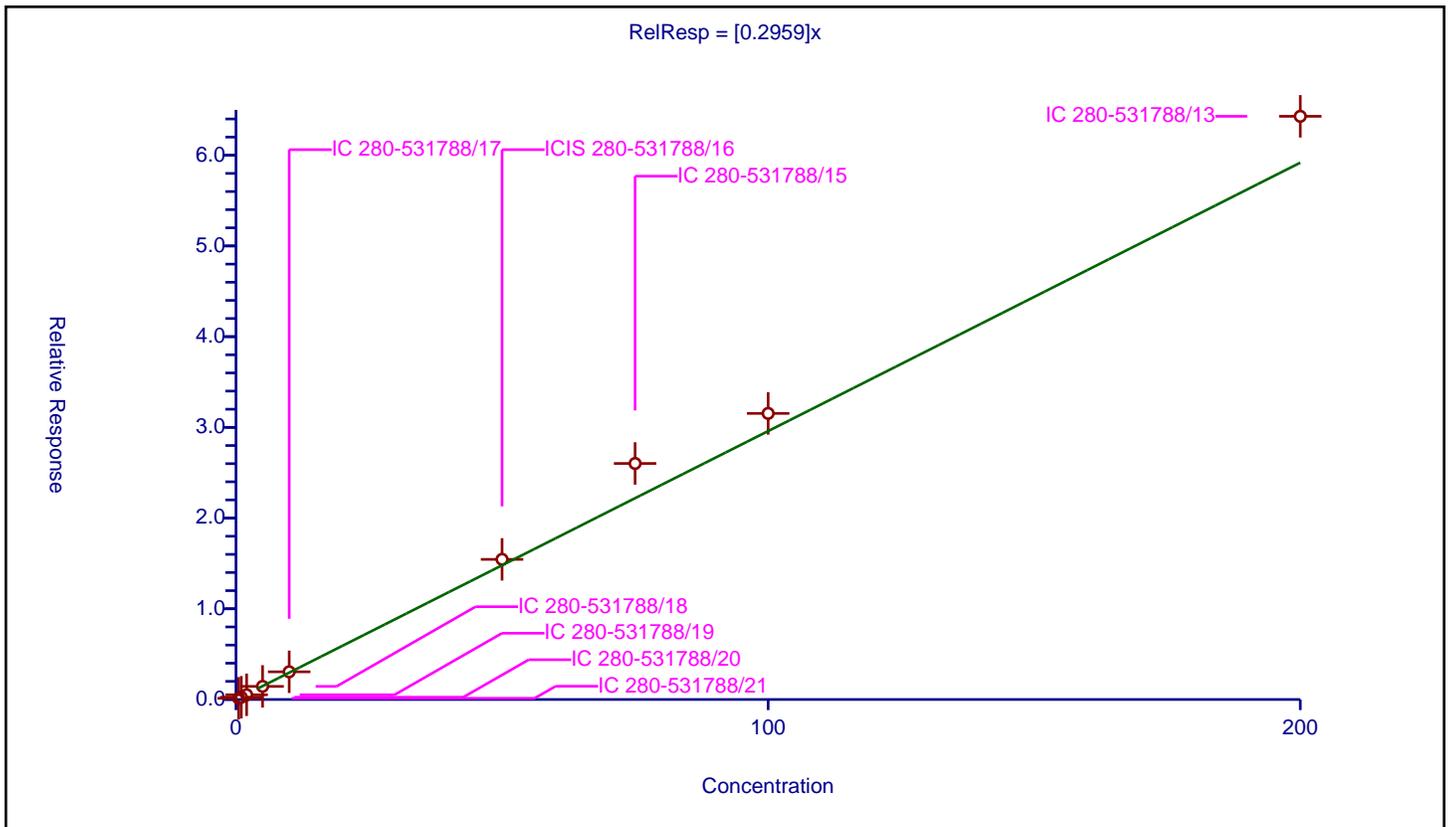
/ 1,1,1-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2959

Error Coefficients	
Standard Error:	1250000
Relative Standard Error:	10.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.132663	50.0	2328073.0	0.265327	Y
2	IC 280-531788/20	1.0	0.250266	50.0	2371476.0	0.250266	Y
3	IC 280-531788/19	2.0	0.520046	50.0	2325853.0	0.260023	Y
4	IC 280-531788/18	5.0	1.446591	50.0	2333210.0	0.289318	Y
5	IC 280-531788/17	10.0	3.054446	50.0	2329146.0	0.305445	Y
6	ICIS 280-531788/16	50.0	15.446844	50.0	2358061.0	0.308937	Y
7	IC 280-531788/15	75.0	26.019272	50.0	2304365.0	0.346924	Y
8	IC 280-531788/14	100.0	31.537694	50.0	2258545.0	0.315377	Y
9	IC 280-531788/13	200.0	64.292803	50.0	2268215.0	0.321464	Y



**Calibration**

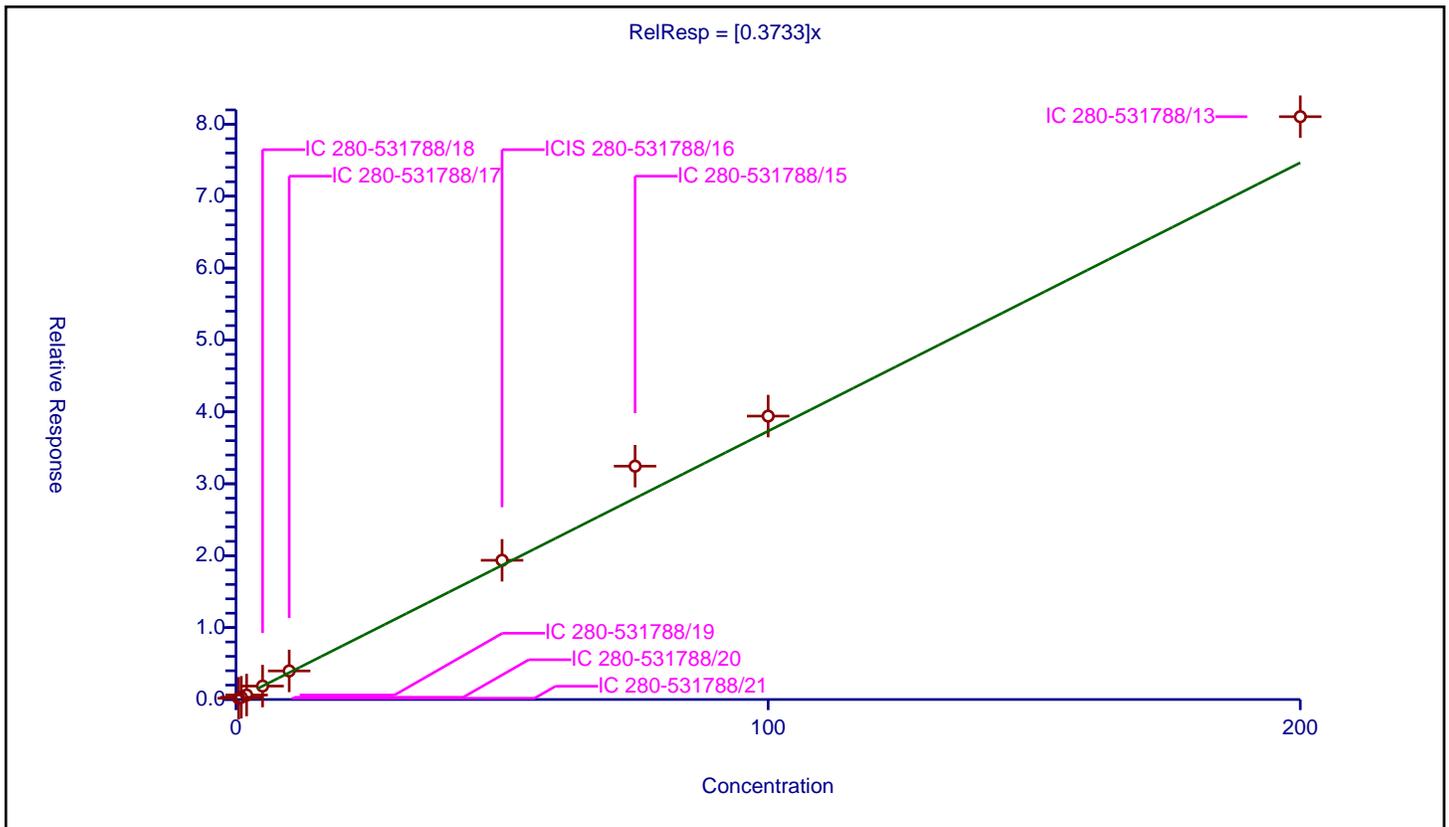
/ Cyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3733

Error Coefficients	
Standard Error:	1570000
Relative Standard Error:	11.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.17435	50.0	2328073.0	0.3487	Y
2	IC 280-531788/20	1.0	0.311093	50.0	2371476.0	0.311093	Y
3	IC 280-531788/19	2.0	0.619558	50.0	2325853.0	0.309779	Y
4	IC 280-531788/18	5.0	1.866377	50.0	2333210.0	0.373275	Y
5	IC 280-531788/17	10.0	3.972057	50.0	2329146.0	0.397206	Y
6	ICIS 280-531788/16	50.0	19.361734	50.0	2358061.0	0.387235	Y
7	IC 280-531788/15	75.0	32.452541	50.0	2304365.0	0.432701	Y
8	IC 280-531788/14	100.0	39.413406	50.0	2258545.0	0.394134	Y
9	IC 280-531788/13	200.0	81.056447	50.0	2268215.0	0.405282	Y



Calibration

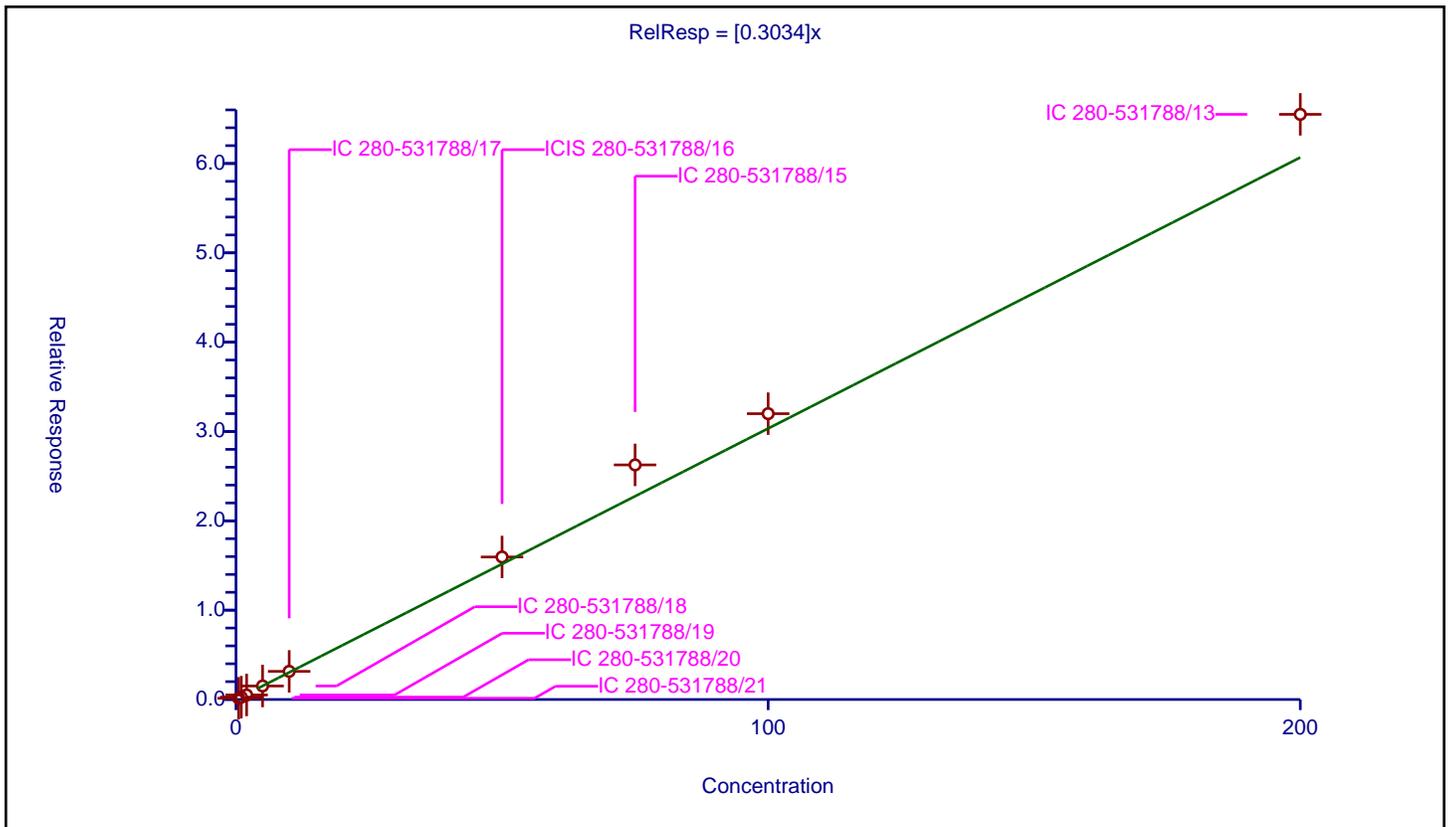
/ 1,1-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3034

Error Coefficients	
Standard Error:	1270000
Relative Standard Error:	10.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.139407	50.0	2328073.0	0.278814	Y
2	IC 280-531788/20	1.0	0.26416	50.0	2371476.0	0.26416	Y
3	IC 280-531788/19	2.0	0.505965	50.0	2325853.0	0.252982	Y
4	IC 280-531788/18	5.0	1.512701	50.0	2333210.0	0.30254	Y
5	IC 280-531788/17	10.0	3.151928	50.0	2329146.0	0.315193	Y
6	ICIS 280-531788/16	50.0	15.953065	50.0	2358061.0	0.319061	Y
7	IC 280-531788/15	75.0	26.259317	50.0	2304365.0	0.350124	Y
8	IC 280-531788/14	100.0	31.994182	50.0	2258545.0	0.319942	Y
9	IC 280-531788/13	200.0	65.501705	50.0	2268215.0	0.327509	Y



**Calibration**

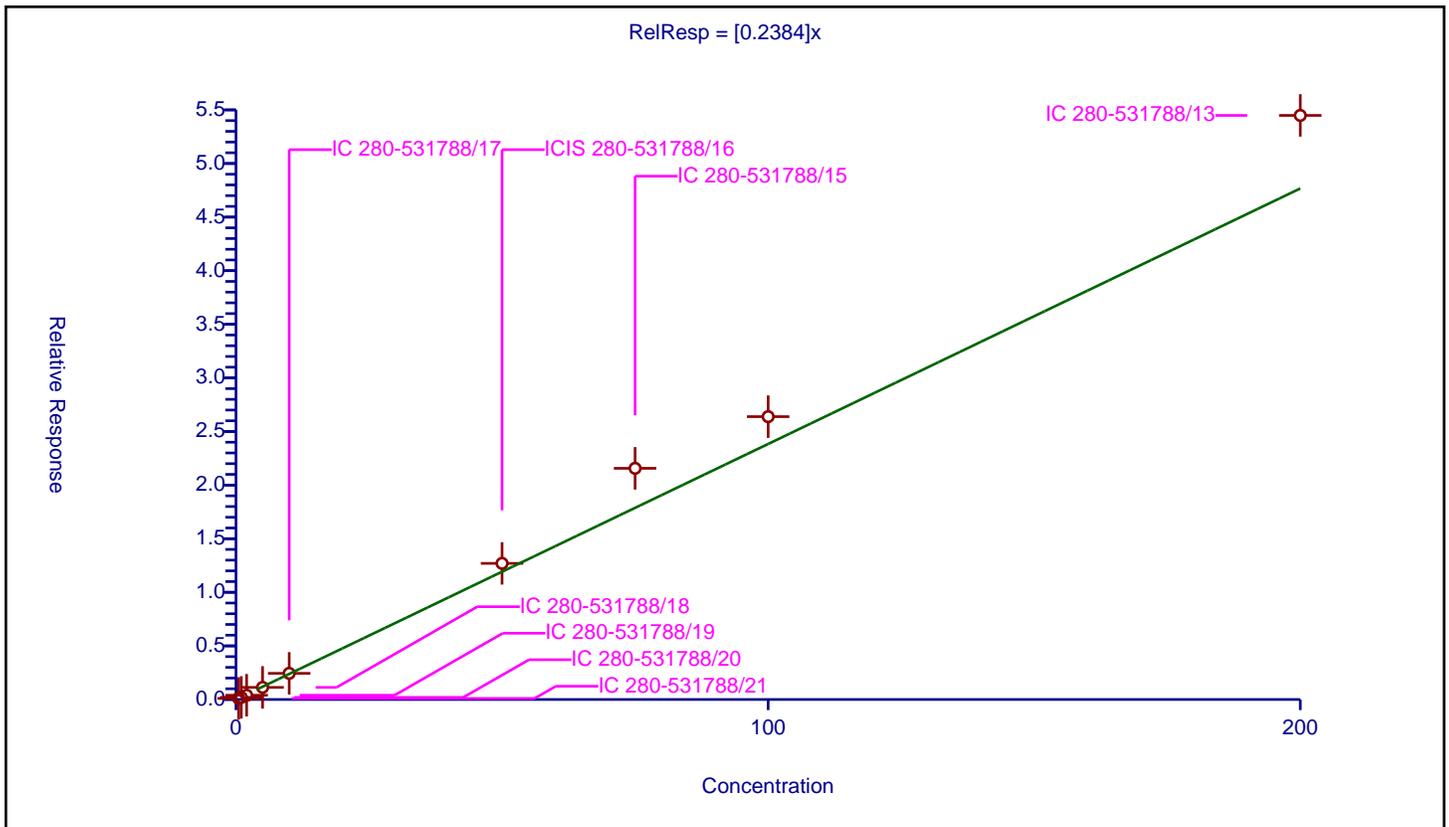
/ Carbon tetrachloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2384

Error Coefficients	
Standard Error:	1050000
Relative Standard Error:	14.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.10092	50.0	2328073.0	0.201841	Y
2	IC 280-531788/20	1.0	0.197704	50.0	2371476.0	0.197704	Y
3	IC 280-531788/19	2.0	0.395919	50.0	2325853.0	0.19796	Y
4	IC 280-531788/18	5.0	1.12956	50.0	2333210.0	0.225912	Y
5	IC 280-531788/17	10.0	2.439907	50.0	2329146.0	0.243991	Y
6	ICIS 280-531788/16	50.0	12.698251	50.0	2358061.0	0.253965	Y
7	IC 280-531788/15	75.0	21.56401	50.0	2304365.0	0.28752	Y
8	IC 280-531788/14	100.0	26.385616	50.0	2258545.0	0.263856	Y
9	IC 280-531788/13	200.0	54.484275	50.0	2268215.0	0.272421	Y



Calibration

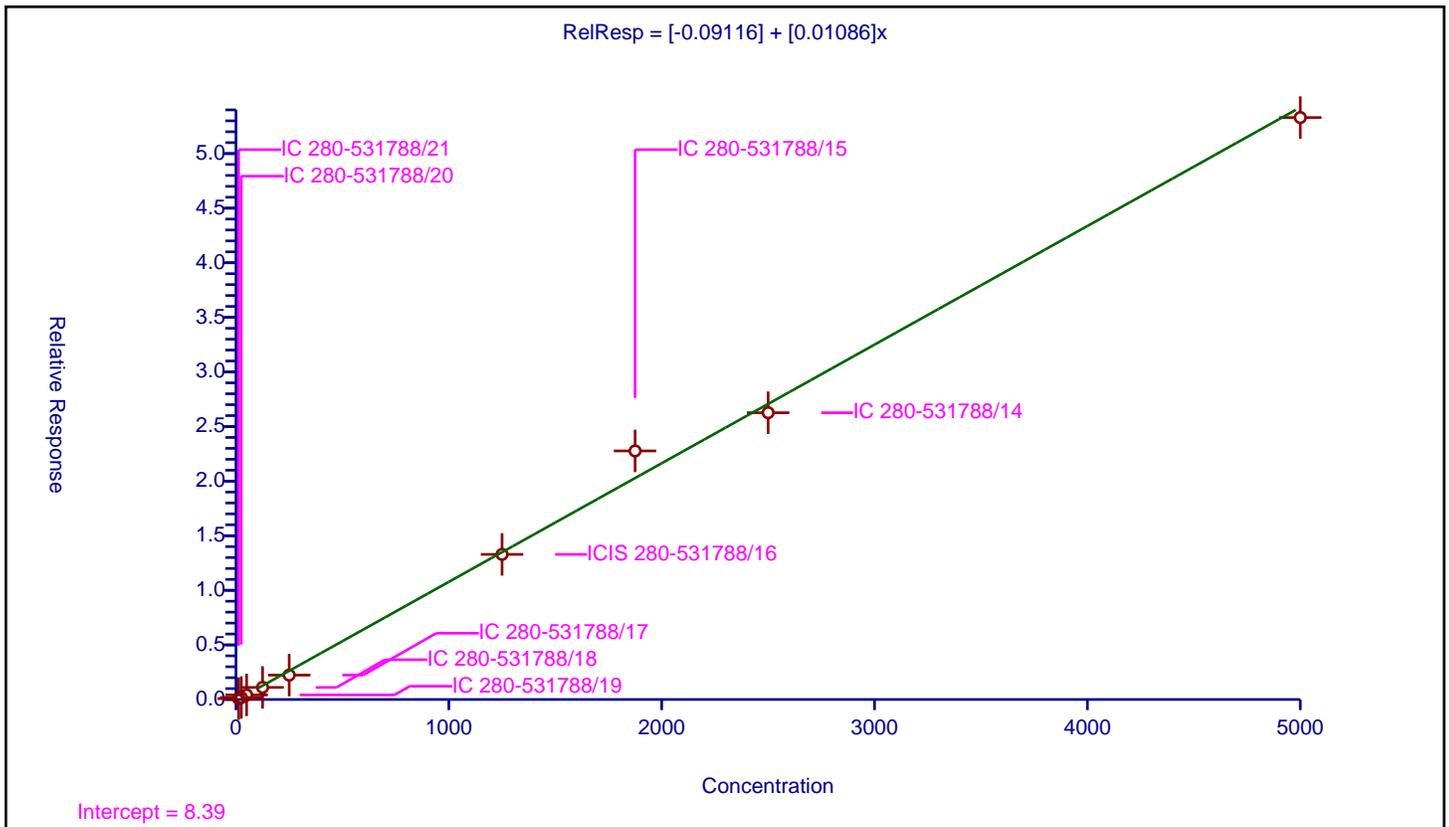
/ Isobutyl alcohol

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.09116
Slope:	0.01086

Error Coefficients	
Standard Error:	1120000
Relative Standard Error:	13.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	12.5	0.080195	50.0	2328073.0	0.006416	Y
2	IC 280-531788/20	25.0	0.180605	50.0	2371476.0	0.007224	Y
3	IC 280-531788/19	50.0	0.419223	50.0	2325853.0	0.008384	Y
4	IC 280-531788/18	125.0	1.106394	50.0	2333210.0	0.008851	Y
5	IC 280-531788/17	250.0	2.233372	50.0	2329146.0	0.008933	Y
6	ICIS 280-531788/16	1250.0	13.289012	50.0	2358061.0	0.010631	Y
7	IC 280-531788/15	1875.0	22.765794	50.0	2304365.0	0.012142	Y
8	IC 280-531788/14	2500.0	26.265206	50.0	2258545.0	0.010506	Y
9	IC 280-531788/13	5000.0	53.299202	50.0	2268215.0	0.01066	Y



**Calibration**

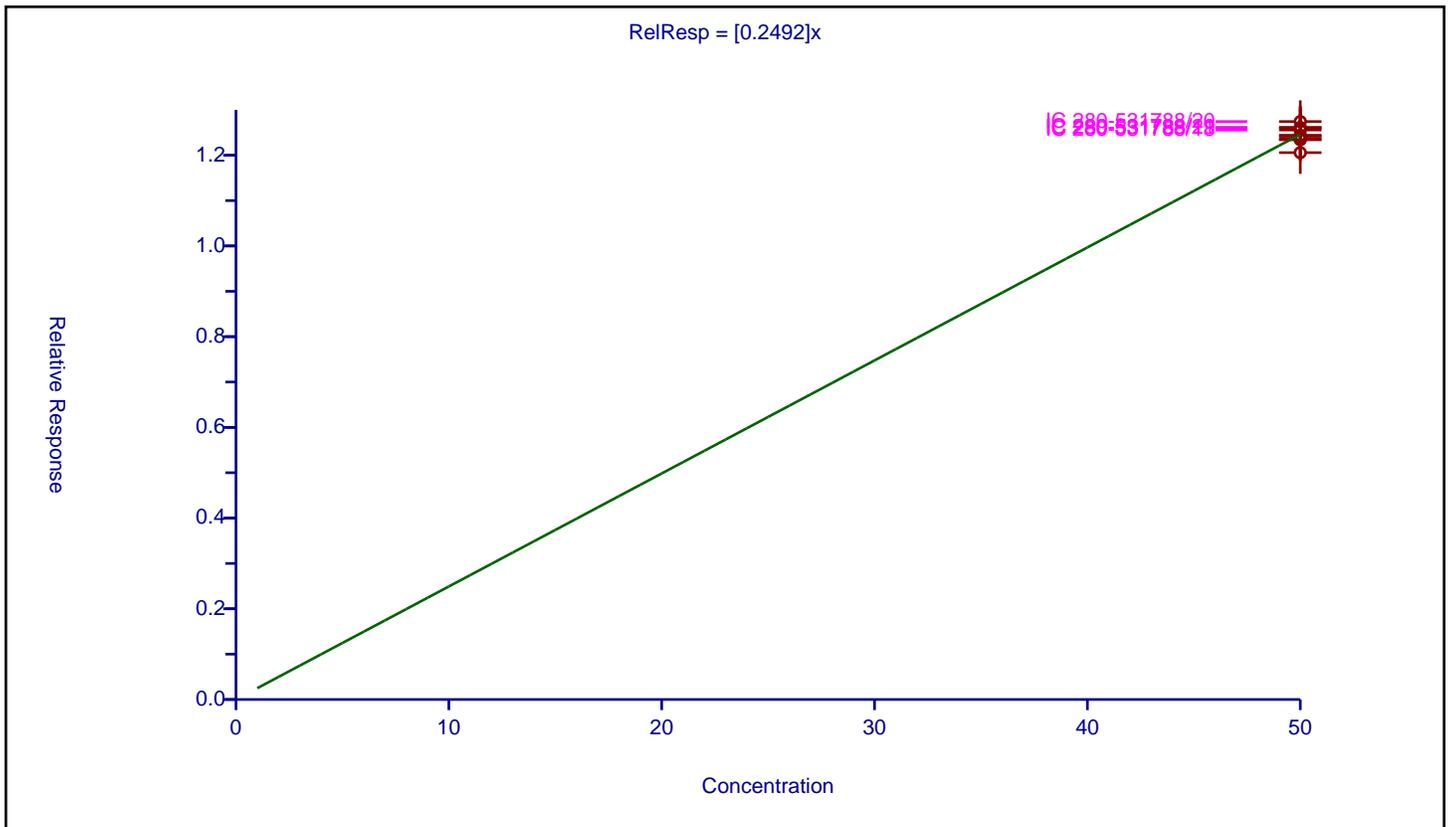
/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2492

Error Coefficients	
Standard Error:	613000
Relative Standard Error:	1.6
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/13	50.0	12.057521	50.0	2268215.0	0.24115	Y
2	IC 280-531788/14	50.0	12.340998	50.0	2258545.0	0.24682	Y
3	IC 280-531788/15	50.0	12.360086	50.0	2304365.0	0.247202	Y
4	ICIS 280-531788/16	50.0	12.417872	50.0	2358061.0	0.248357	Y
5	IC 280-531788/17	50.0	12.441363	50.0	2329146.0	0.248827	Y
6	IC 280-531788/18	50.0	12.557057	50.0	2333210.0	0.251141	Y
7	IC 280-531788/19	50.0	12.606945	50.0	2325853.0	0.252139	Y
8	IC 280-531788/20	50.0	12.742613	50.0	2371476.0	0.254852	Y
9	IC 280-531788/21	50.0	12.612169	50.0	2328073.0	0.252243	Y



Calibration

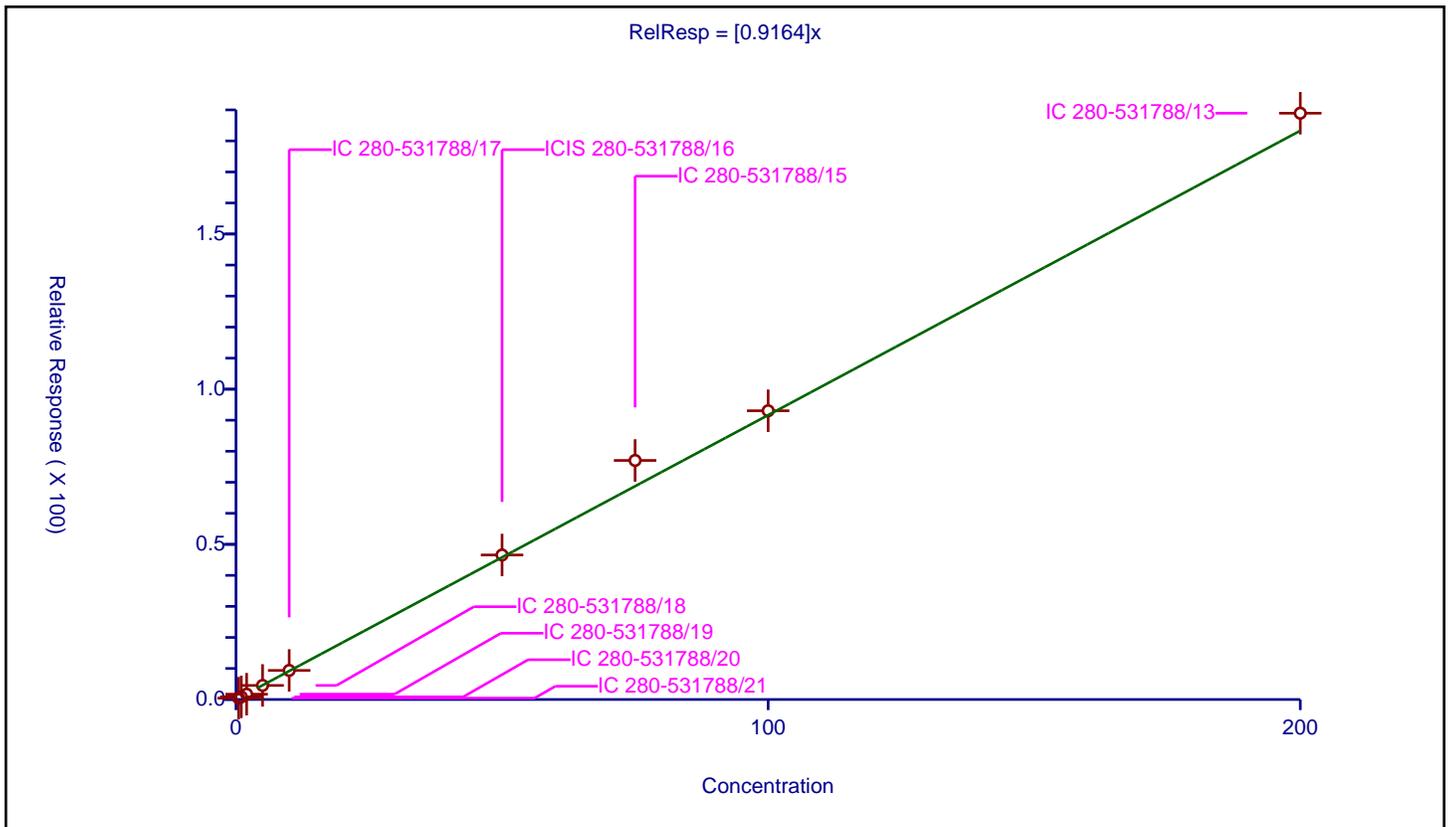
/ Benzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9164

Error Coefficients	
Standard Error:	3690000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.433513	50.0	2328073.0	0.867026	Y
2	IC 280-531788/20	1.0	0.846519	50.0	2371476.0	0.846519	Y
3	IC 280-531788/19	2.0	1.716704	50.0	2325853.0	0.858352	Y
4	IC 280-531788/18	5.0	4.528932	50.0	2333210.0	0.905786	Y
5	IC 280-531788/17	10.0	9.366437	50.0	2329146.0	0.936644	Y
6	ICIS 280-531788/16	50.0	46.567731	50.0	2358061.0	0.931355	Y
7	IC 280-531788/15	75.0	77.029724	50.0	2304365.0	1.027063	Y
8	IC 280-531788/14	100.0	93.047515	50.0	2258545.0	0.930475	Y
9	IC 280-531788/13	200.0	188.931649	50.0	2268215.0	0.944658	Y



Calibration

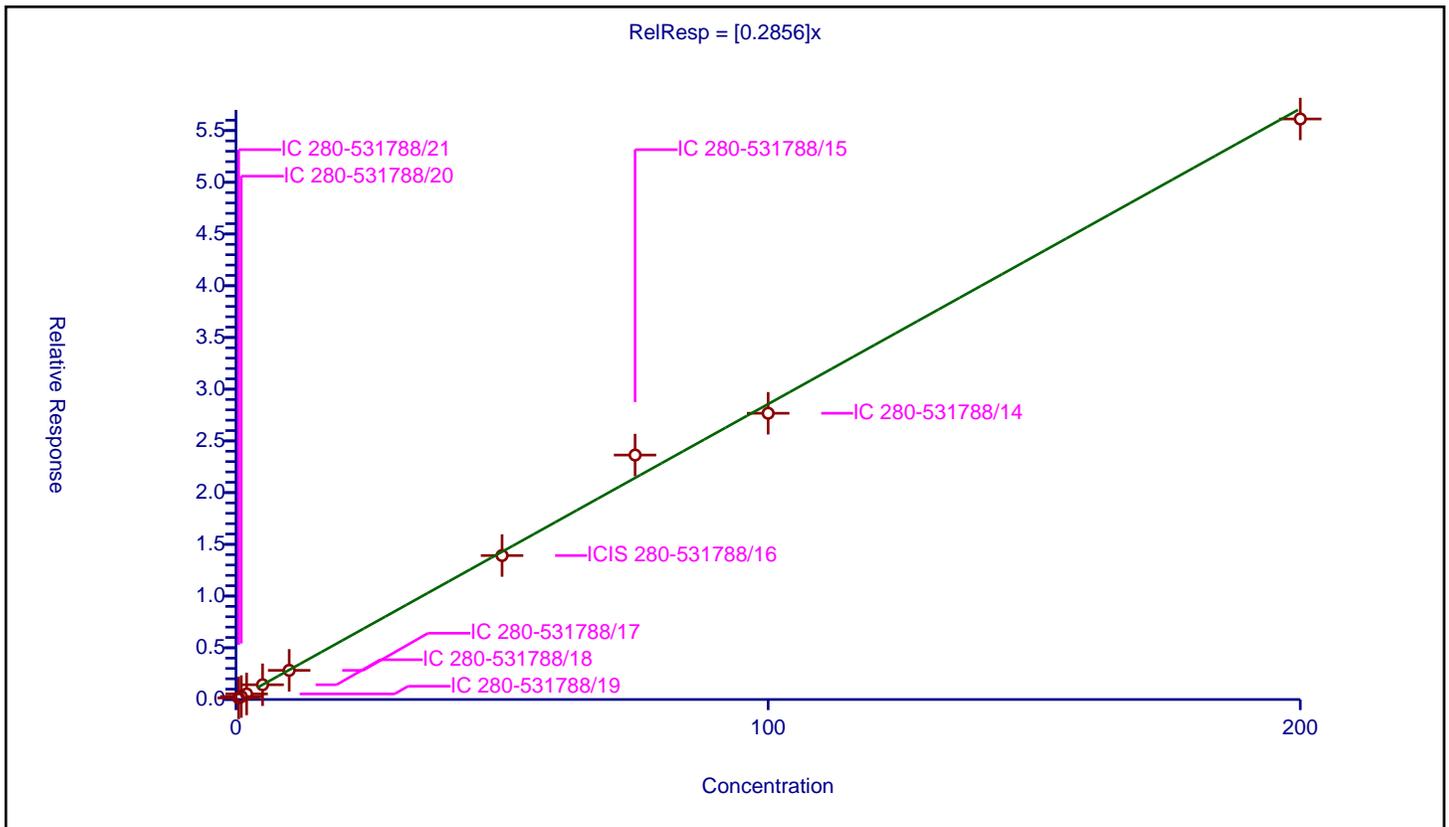
/ 1,2-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2856

Error Coefficients	
Standard Error:	1100000
Relative Standard Error:	4.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.148964	50.0	2328073.0	0.297929	Y
2	IC 280-531788/20	1.0	0.286509	50.0	2371476.0	0.286509	Y
3	IC 280-531788/19	2.0	0.536513	50.0	2325853.0	0.268256	Y
4	IC 280-531788/18	5.0	1.425847	50.0	2333210.0	0.285169	Y
5	IC 280-531788/17	10.0	2.818823	50.0	2329146.0	0.281882	Y
6	ICIS 280-531788/16	50.0	13.9183	50.0	2358061.0	0.278366	Y
7	IC 280-531788/15	75.0	23.632845	50.0	2304365.0	0.315105	Y
8	IC 280-531788/14	100.0	27.673104	50.0	2258545.0	0.276731	Y
9	IC 280-531788/13	200.0	56.122325	50.0	2268215.0	0.280612	Y



Calibration

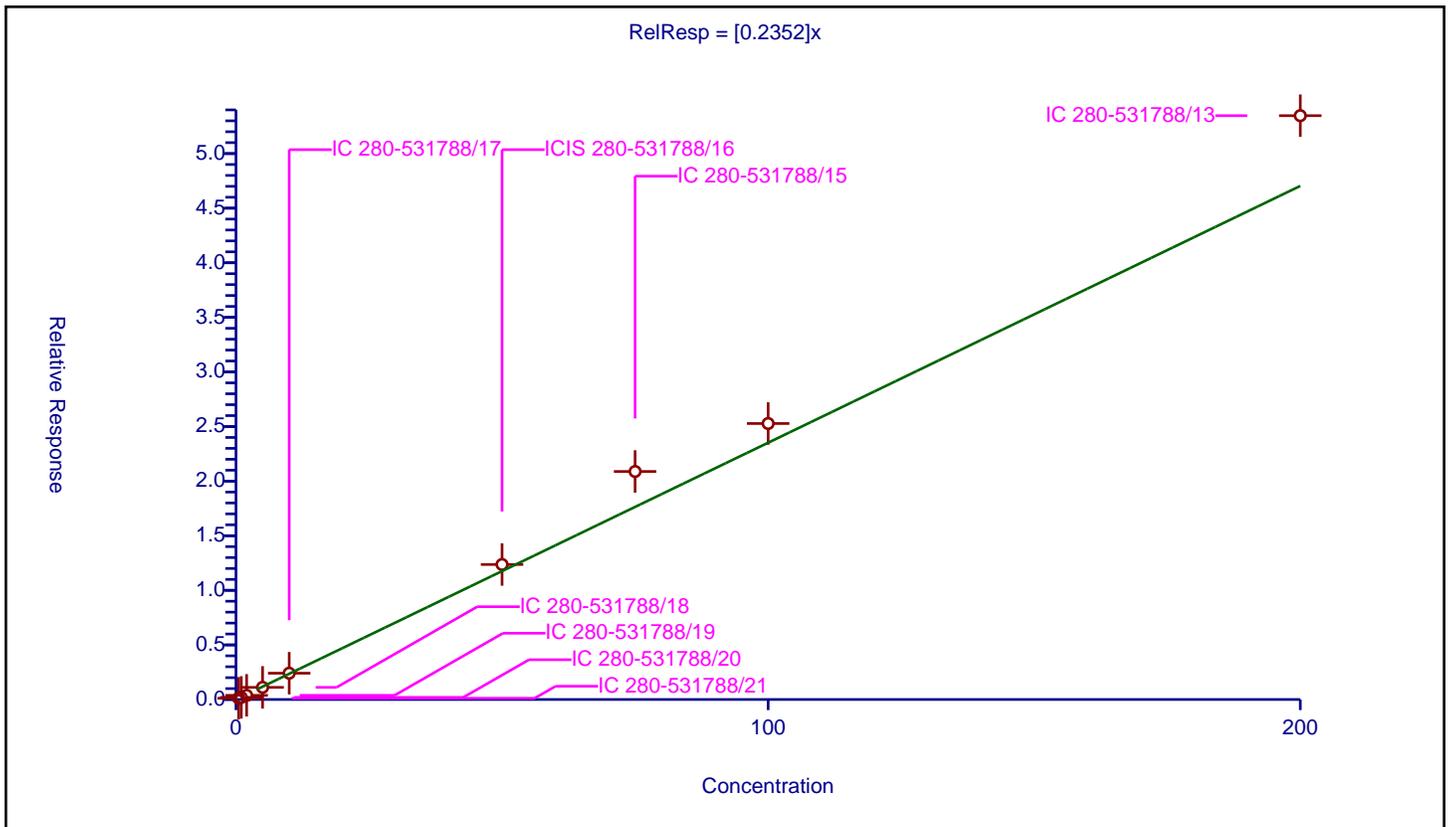
/ n-Heptane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2352

Error Coefficients	
Standard Error:	1030000
Relative Standard Error:	13.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.112411	50.0	2328073.0	0.224821	Y
2	IC 280-531788/20	1.0	0.193065	50.0	2371476.0	0.193065	Y
3	IC 280-531788/19	2.0	0.37971	50.0	2325853.0	0.189855	Y
4	IC 280-531788/18	5.0	1.110316	50.0	2333210.0	0.222063	Y
5	IC 280-531788/17	10.0	2.408308	50.0	2329146.0	0.240831	Y
6	ICIS 280-531788/16	50.0	12.363611	50.0	2358061.0	0.247272	Y
7	IC 280-531788/15	75.0	20.883953	50.0	2304365.0	0.278453	Y
8	IC 280-531788/14	100.0	25.275764	50.0	2258545.0	0.252758	Y
9	IC 280-531788/13	200.0	53.470086	50.0	2268215.0	0.26735	Y



**Calibration**

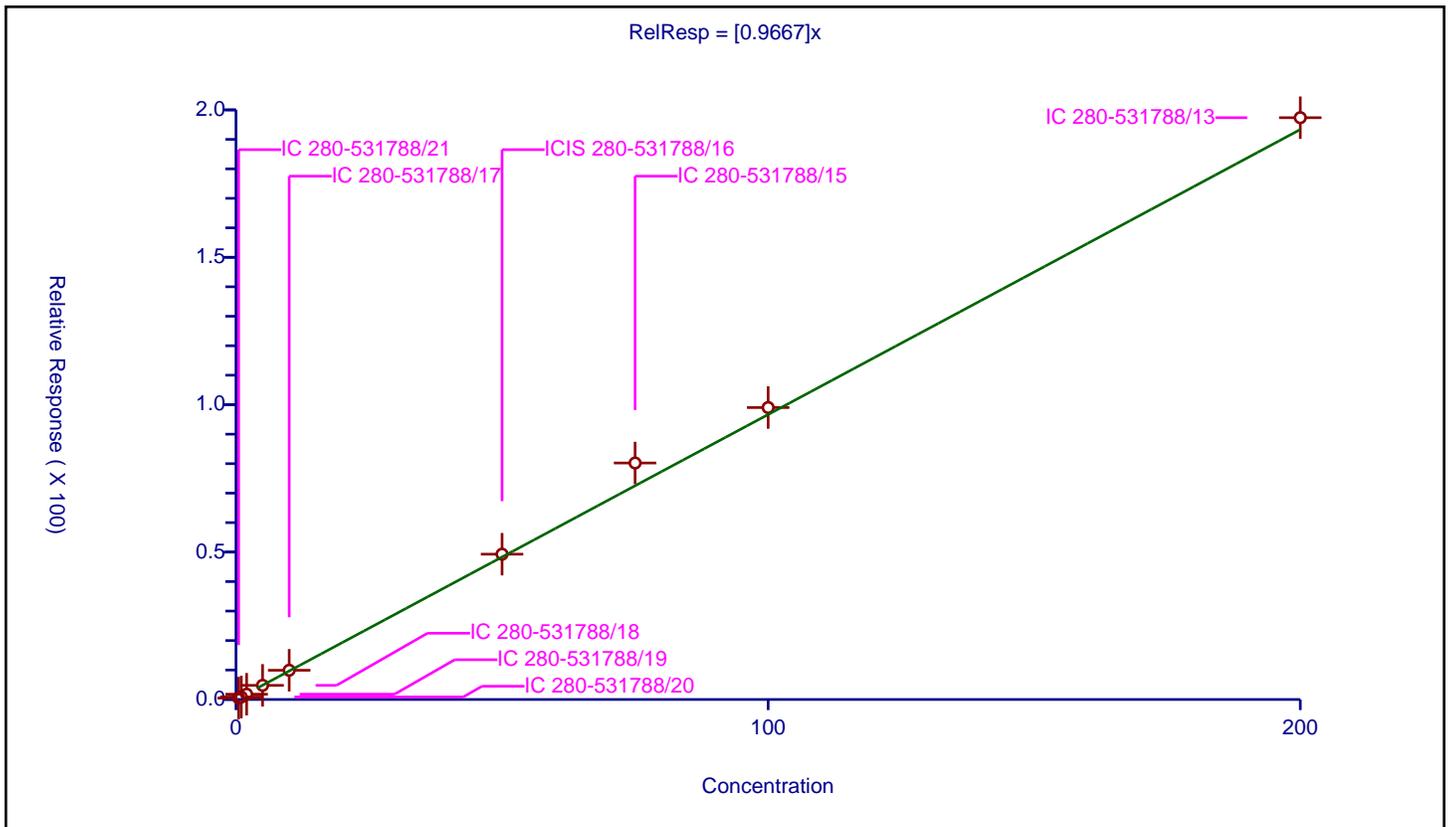
**/ Trichloroethene**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
<b>Intercept:</b>	0
<b>Slope:</b>	0.9667

Error Coefficients	
<b>Standard Error:</b>	898000
<b>Relative Standard Error:</b>	6.5
<b>Correlation Coefficient:</b>	0.998
<b>Coefficient of Determination (Adjusted):</b>	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.48476	50.0	526446.0	0.96952	Y
2	IC 280-531788/20	1.0	0.849003	50.0	533449.0	0.849003	Y
3	IC 280-531788/19	2.0	1.79451	50.0	524182.0	0.897255	Y
4	IC 280-531788/18	5.0	4.802094	50.0	529873.0	0.960419	Y
5	IC 280-531788/17	10.0	9.912465	50.0	525621.0	0.991247	Y
6	ICIS 280-531788/16	50.0	49.292212	50.0	539851.0	0.985844	Y
7	IC 280-531788/15	75.0	80.225464	50.0	538091.0	1.069673	Y
8	IC 280-531788/14	100.0	99.031954	50.0	518364.0	0.99032	Y
9	IC 280-531788/13	200.0	197.356549	50.0	528684.0	0.986783	Y



**Calibration**

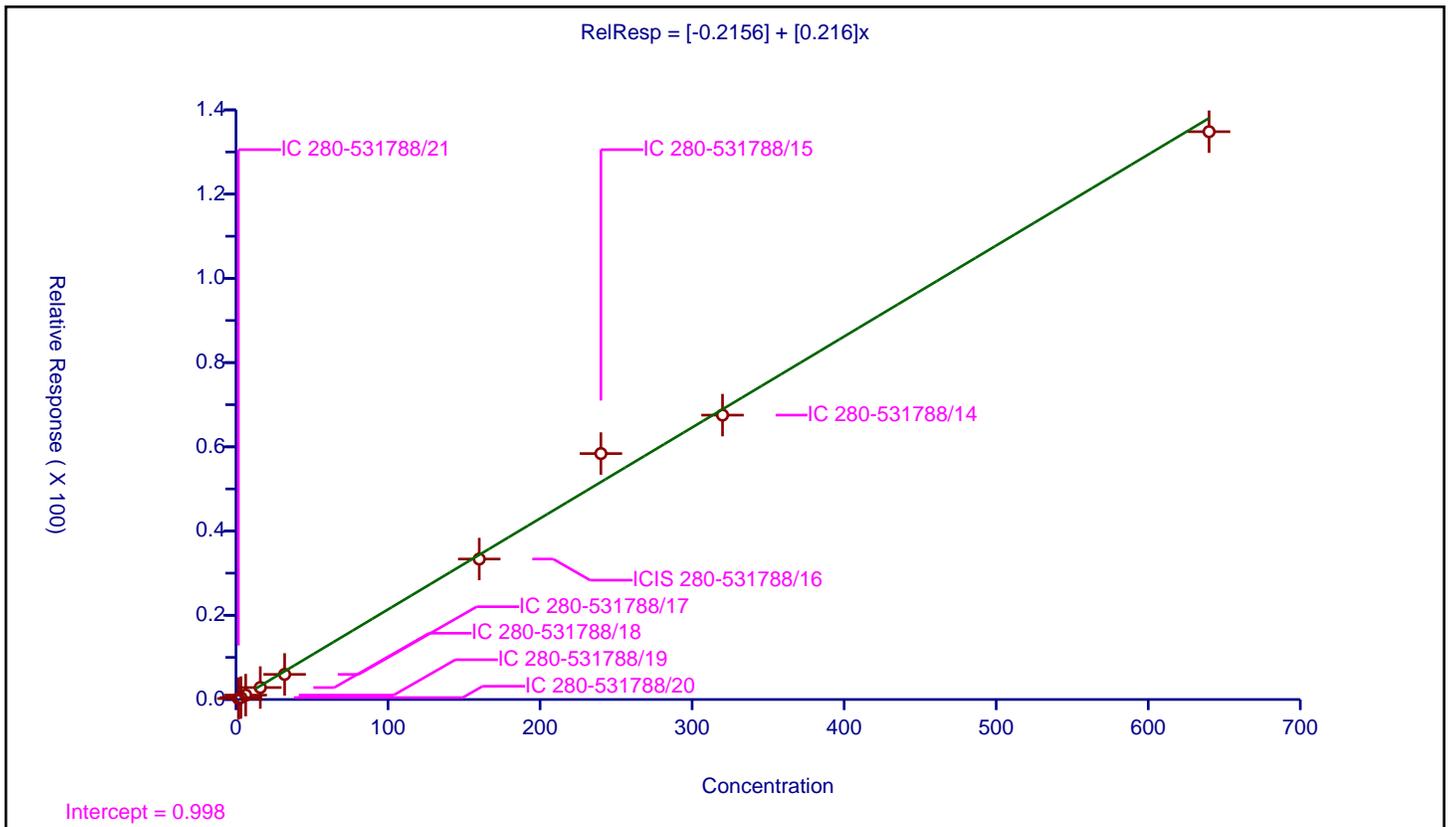
**/ 2-Pentanone**

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.2156
Slope:	0.216

Error Coefficients	
Standard Error:	2840000
Relative Standard Error:	13.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	1.6	0.228945	50.0	2328073.0	0.14309	Y
2	IC 280-531788/20	3.2	0.453789	50.0	2371476.0	0.141809	Y
3	IC 280-531788/19	6.4	1.043854	50.0	2325853.0	0.163102	Y
4	IC 280-531788/18	16.0	2.835193	50.0	2333210.0	0.1772	Y
5	IC 280-531788/17	32.0	5.958815	50.0	2329146.0	0.186213	Y
6	ICIS 280-531788/16	160.0	33.355329	50.0	2358061.0	0.208471	Y
7	IC 280-531788/15	240.0	58.400709	50.0	2304365.0	0.243336	Y
8	IC 280-531788/14	320.0	67.528055	50.0	2258545.0	0.211025	Y
9	IC 280-531788/13	640.0	134.825138	50.0	2268215.0	0.210664	Y



**Calibration**

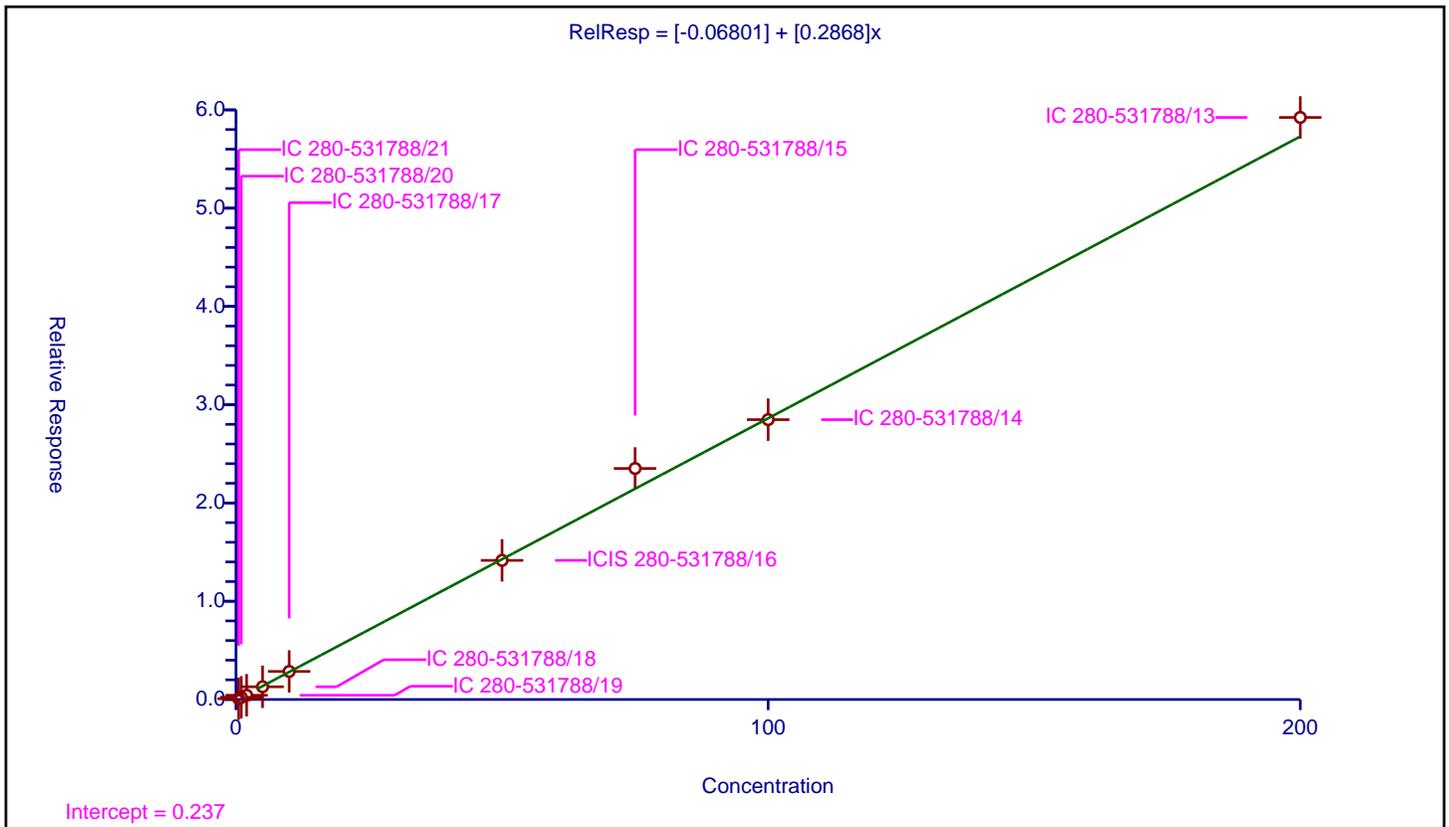
**/ Methylcyclohexane**

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.06801
Slope:	0.2868

Error Coefficients	
Standard Error:	1230000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.079379	50.0	2328073.0	0.158758	Y
2	IC 280-531788/20	1.0	0.223447	50.0	2371476.0	0.223447	Y
3	IC 280-531788/19	2.0	0.43139	50.0	2325853.0	0.215695	Y
4	IC 280-531788/18	5.0	1.293368	50.0	2333210.0	0.258674	Y
5	IC 280-531788/17	10.0	2.855188	50.0	2329146.0	0.285519	Y
6	ICIS 280-531788/16	50.0	14.156398	50.0	2358061.0	0.283128	Y
7	IC 280-531788/15	75.0	23.508081	50.0	2304365.0	0.313441	Y
8	IC 280-531788/14	100.0	28.479353	50.0	2258545.0	0.284794	Y
9	IC 280-531788/13	200.0	59.231444	50.0	2268215.0	0.296157	Y



Calibration

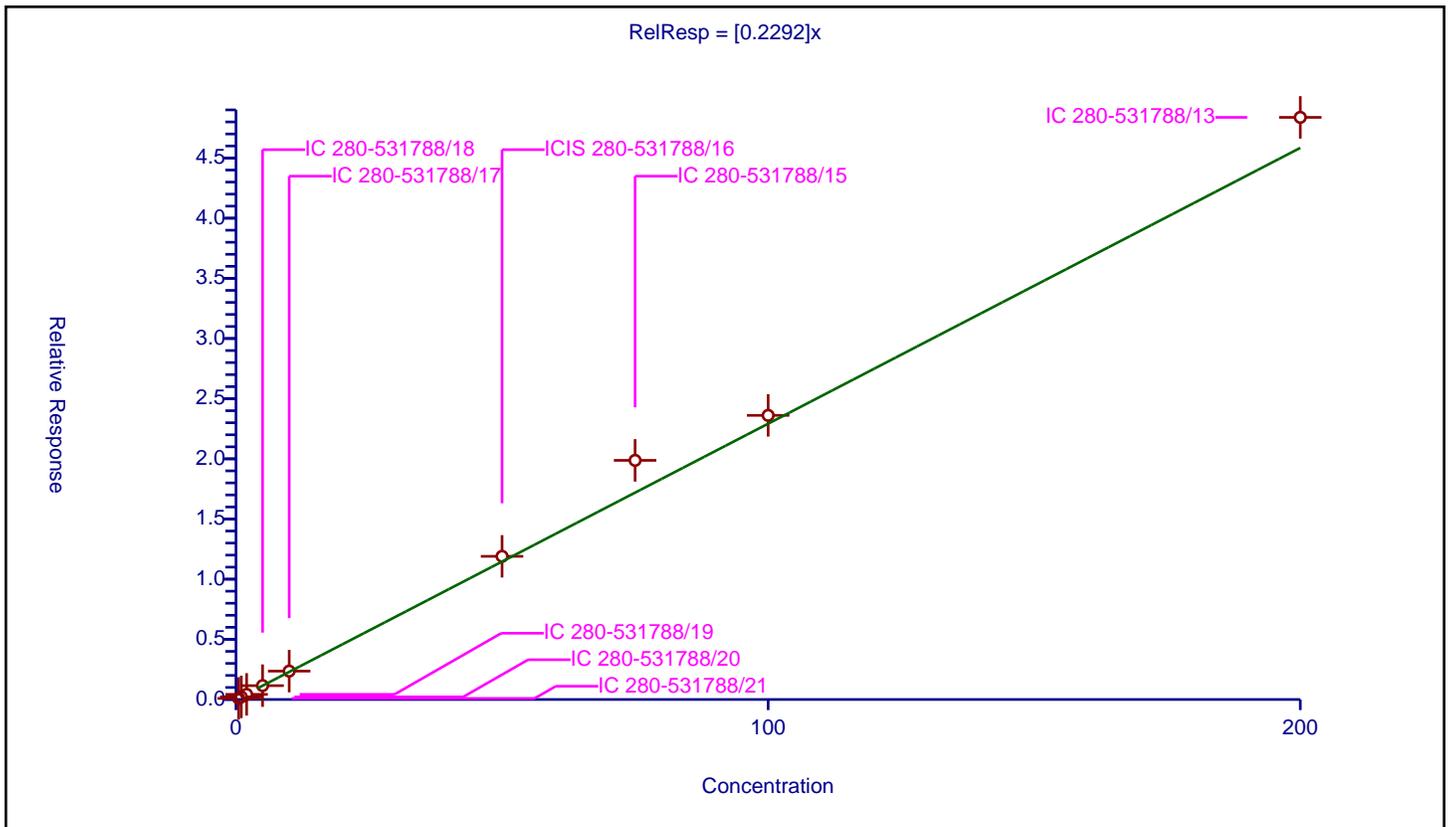
/ 1,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2292

Error Coefficients	
Standard Error:	944000
Relative Standard Error:	9.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.092458	50.0	2328073.0	0.184917	Y
2	IC 280-531788/20	1.0	0.217017	50.0	2371476.0	0.217017	Y
3	IC 280-531788/19	2.0	0.427155	50.0	2325853.0	0.213578	Y
4	IC 280-531788/18	5.0	1.152447	50.0	2333210.0	0.230489	Y
5	IC 280-531788/17	10.0	2.359964	50.0	2329146.0	0.235996	Y
6	ICIS 280-531788/16	50.0	11.898293	50.0	2358061.0	0.237966	Y
7	IC 280-531788/15	75.0	19.872156	50.0	2304365.0	0.264962	Y
8	IC 280-531788/14	100.0	23.61144	50.0	2258545.0	0.236114	Y
9	IC 280-531788/13	200.0	48.377711	50.0	2268215.0	0.241889	Y



Calibration

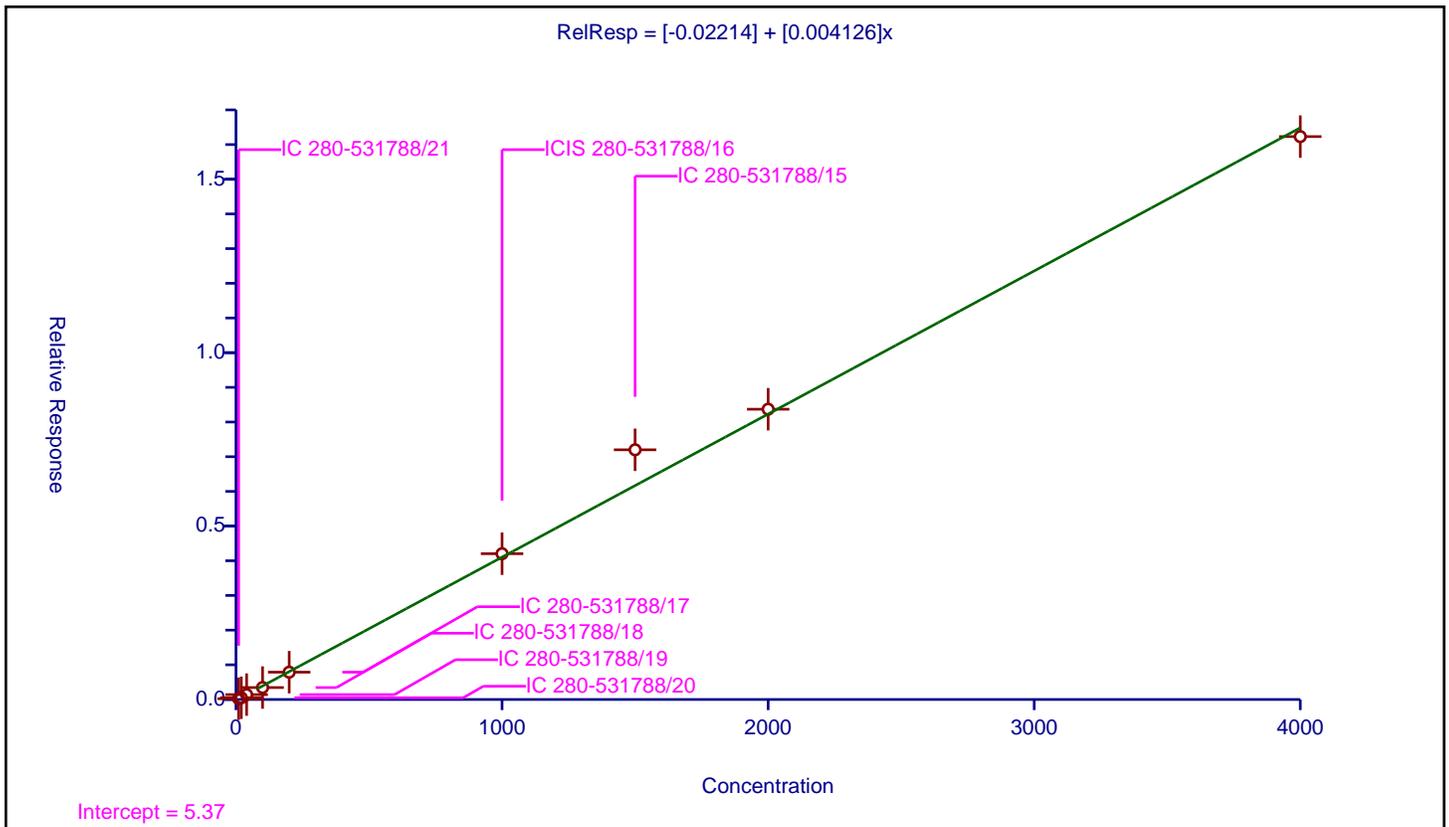
/ 1,4-Dioxane

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.02214
Slope:	0.004126

Error Coefficients	
Standard Error:	346000
Relative Standard Error:	9.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	10.0	0.022293	50.0	2328073.0	0.002229	Y
2	IC 280-531788/20	20.0	0.04999	50.0	2371476.0	0.002499	Y
3	IC 280-531788/19	40.0	0.140744	50.0	2325853.0	0.003519	Y
4	IC 280-531788/18	100.0	0.344504	50.0	2333210.0	0.003445	Y
5	IC 280-531788/17	200.0	0.787563	50.0	2329146.0	0.003938	Y
6	ICIS 280-531788/16	1000.0	4.20339	50.0	2358061.0	0.004203	Y
7	IC 280-531788/15	1500.0	7.199641	50.0	2304365.0	0.0048	Y
8	IC 280-531788/14	2000.0	8.369105	50.0	2258545.0	0.004185	Y
9	IC 280-531788/13	4000.0	16.229877	50.0	2268215.0	0.004057	Y



Calibration

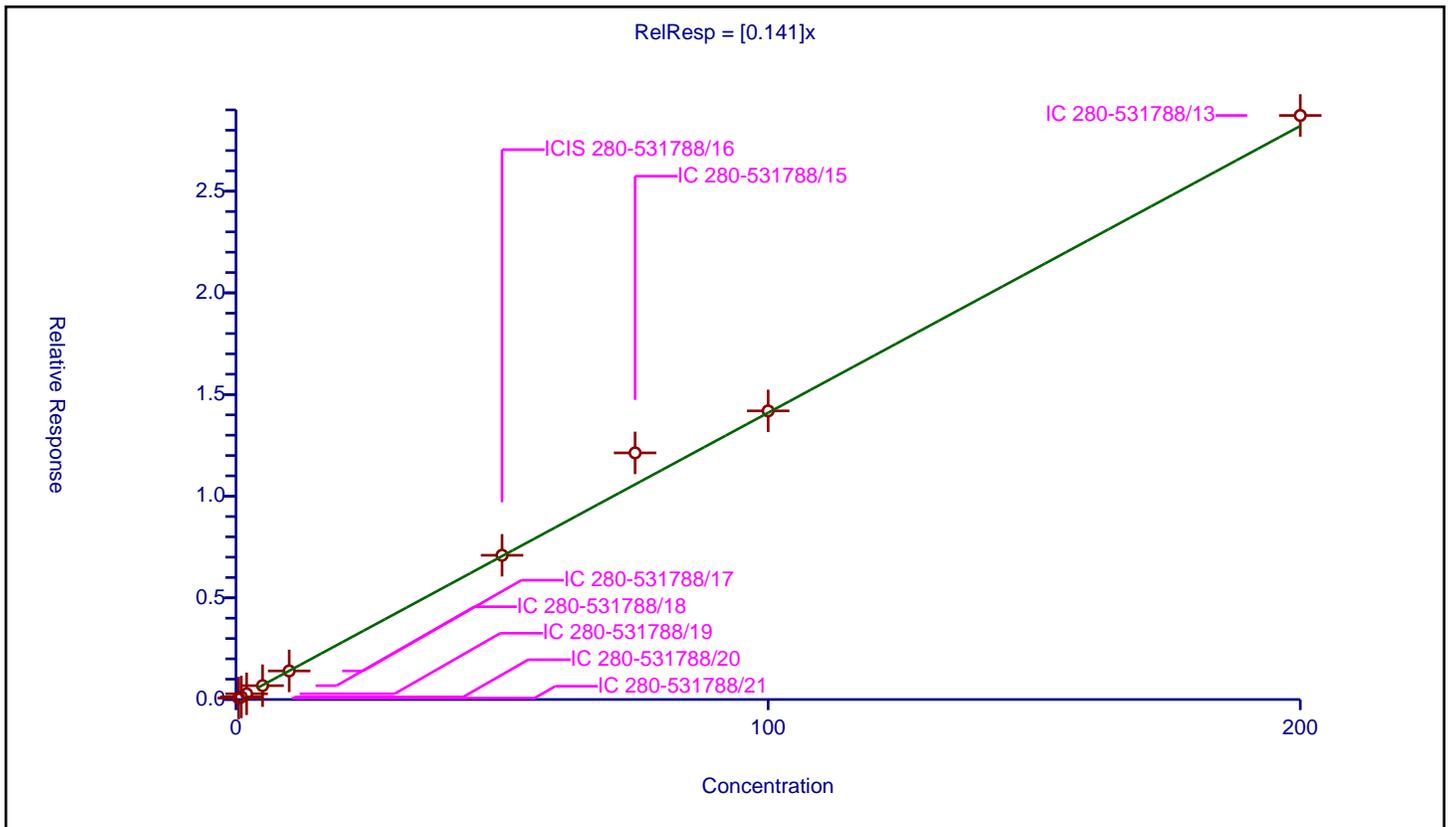
/ Dibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.141

Error Coefficients	
Standard Error:	563000
Relative Standard Error:	6.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.06892	50.0	2328073.0	0.137839	Y
2	IC 280-531788/20	1.0	0.126229	50.0	2371476.0	0.126229	Y
3	IC 280-531788/19	2.0	0.279209	50.0	2325853.0	0.139605	Y
4	IC 280-531788/18	5.0	0.680093	50.0	2333210.0	0.136019	Y
5	IC 280-531788/17	10.0	1.405279	50.0	2329146.0	0.140528	Y
6	ICIS 280-531788/16	50.0	7.093922	50.0	2358061.0	0.141878	Y
7	IC 280-531788/15	75.0	12.129828	50.0	2304365.0	0.161731	Y
8	IC 280-531788/14	100.0	14.194515	50.0	2258545.0	0.141945	Y
9	IC 280-531788/13	200.0	28.725826	50.0	2268215.0	0.143629	Y



**Calibration**

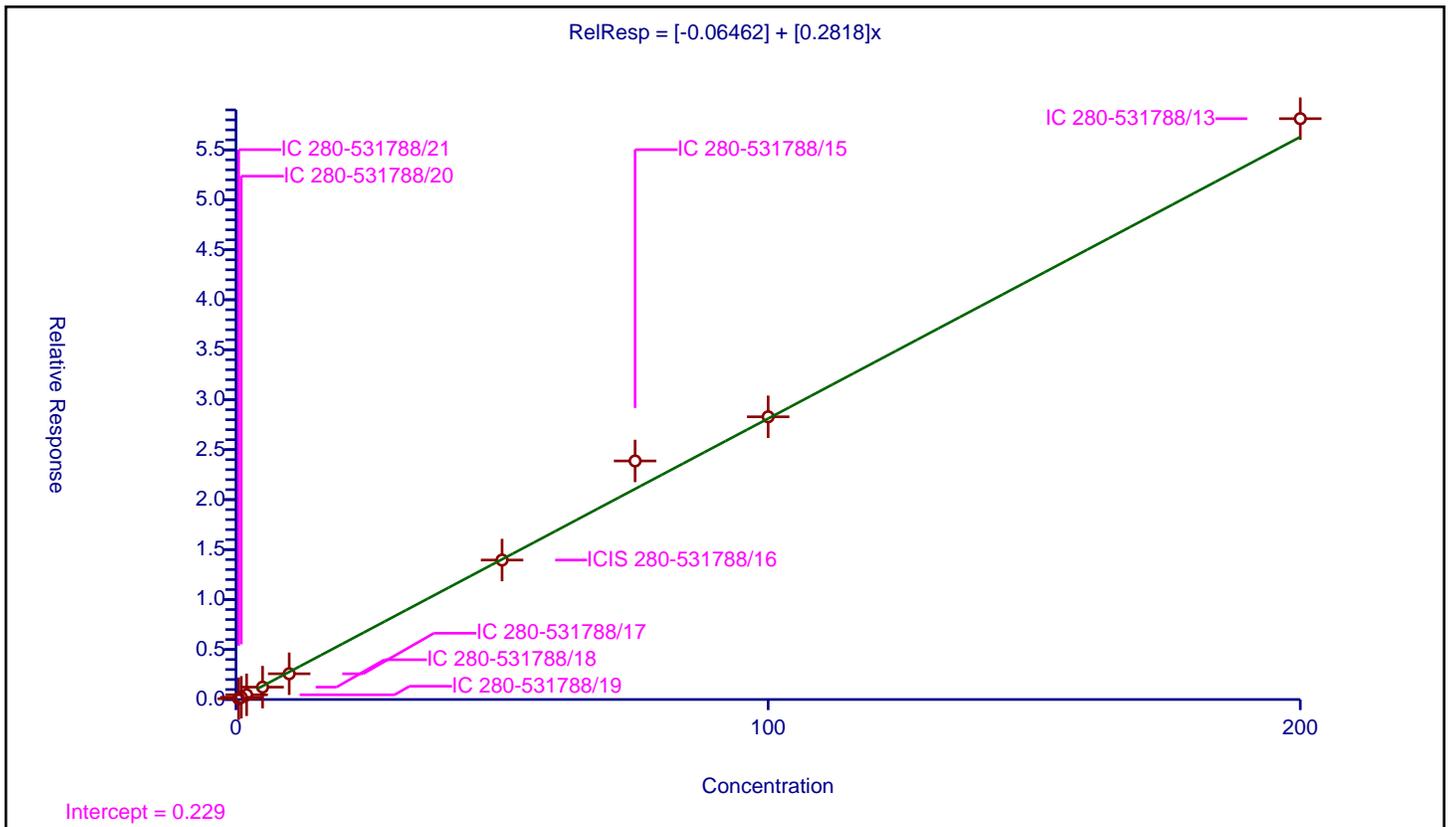
/ Dichlorobromomethane

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.06462
Slope:	0.2818

Error Coefficients	
Standard Error:	1210000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.079229	50.0	2328073.0	0.158457	Y
2	IC 280-531788/20	1.0	0.218029	50.0	2371476.0	0.218029	Y
3	IC 280-531788/19	2.0	0.470494	50.0	2325853.0	0.235247	Y
4	IC 280-531788/18	5.0	1.236408	50.0	2333210.0	0.247282	Y
5	IC 280-531788/17	10.0	2.575043	50.0	2329146.0	0.257504	Y
6	ICIS 280-531788/16	50.0	13.955576	50.0	2358061.0	0.279112	Y
7	IC 280-531788/15	75.0	23.870068	50.0	2304365.0	0.318268	Y
8	IC 280-531788/14	100.0	28.288943	50.0	2258545.0	0.282889	Y
9	IC 280-531788/13	200.0	58.122907	50.0	2268215.0	0.290615	Y



**Calibration**

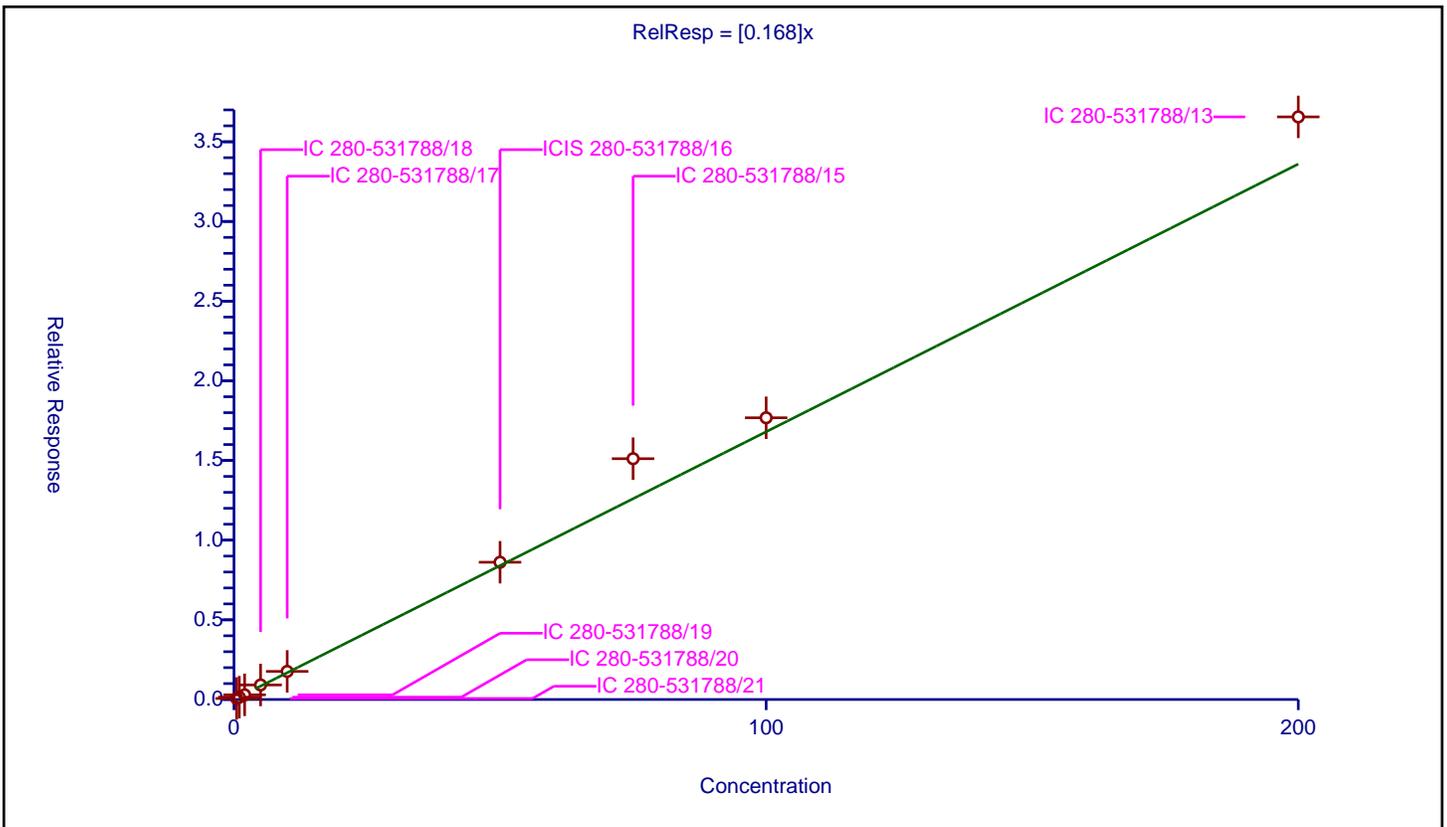
/ 2-Chloroethyl vinyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.168

Error Coefficients	
Standard Error:	711000
Relative Standard Error:	13.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.064538	50.0	2328073.0	0.129077	Y
2	IC 280-531788/20	1.0	0.144973	50.0	2371476.0	0.144973	Y
3	IC 280-531788/19	2.0	0.29185	50.0	2325853.0	0.145925	Y
4	IC 280-531788/18	5.0	0.912627	50.0	2333210.0	0.182525	Y
5	IC 280-531788/17	10.0	1.762642	50.0	2329146.0	0.176264	Y
6	ICIS 280-531788/16	50.0	8.612563	50.0	2358061.0	0.172251	Y
7	IC 280-531788/15	75.0	15.111039	50.0	2304365.0	0.201481	Y
8	IC 280-531788/14	100.0	17.678771	50.0	2258545.0	0.176788	Y
9	IC 280-531788/13	200.0	36.560136	50.0	2268215.0	0.182801	Y



**Calibration**

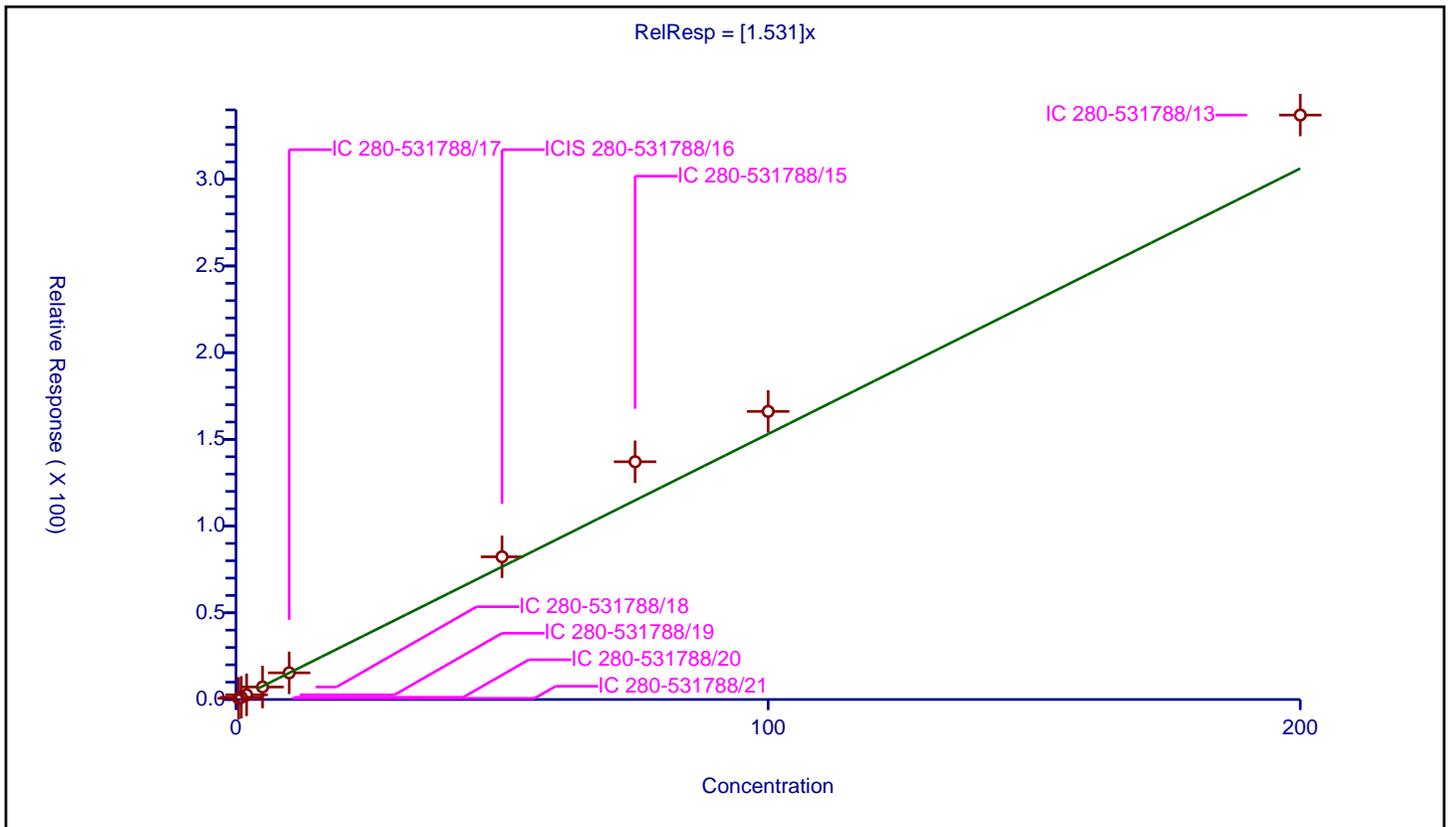
/ cis-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.531

Error Coefficients	
Standard Error:	1530000
Relative Standard Error:	12.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.673763	50.0	526446.0	1.347527	Y
2	IC 280-531788/20	1.0	1.282597	50.0	533449.0	1.282597	Y
3	IC 280-531788/19	2.0	2.699444	50.0	524182.0	1.349722	Y
4	IC 280-531788/18	5.0	7.20918	50.0	529873.0	1.441836	Y
5	IC 280-531788/17	10.0	15.380569	50.0	525621.0	1.538057	Y
6	ICIS 280-531788/16	50.0	82.286779	50.0	539851.0	1.645736	Y
7	IC 280-531788/15	75.0	137.093075	50.0	538091.0	1.827908	Y
8	IC 280-531788/14	100.0	166.116088	50.0	518364.0	1.661161	Y
9	IC 280-531788/13	200.0	337.023723	50.0	528684.0	1.685119	Y



Calibration

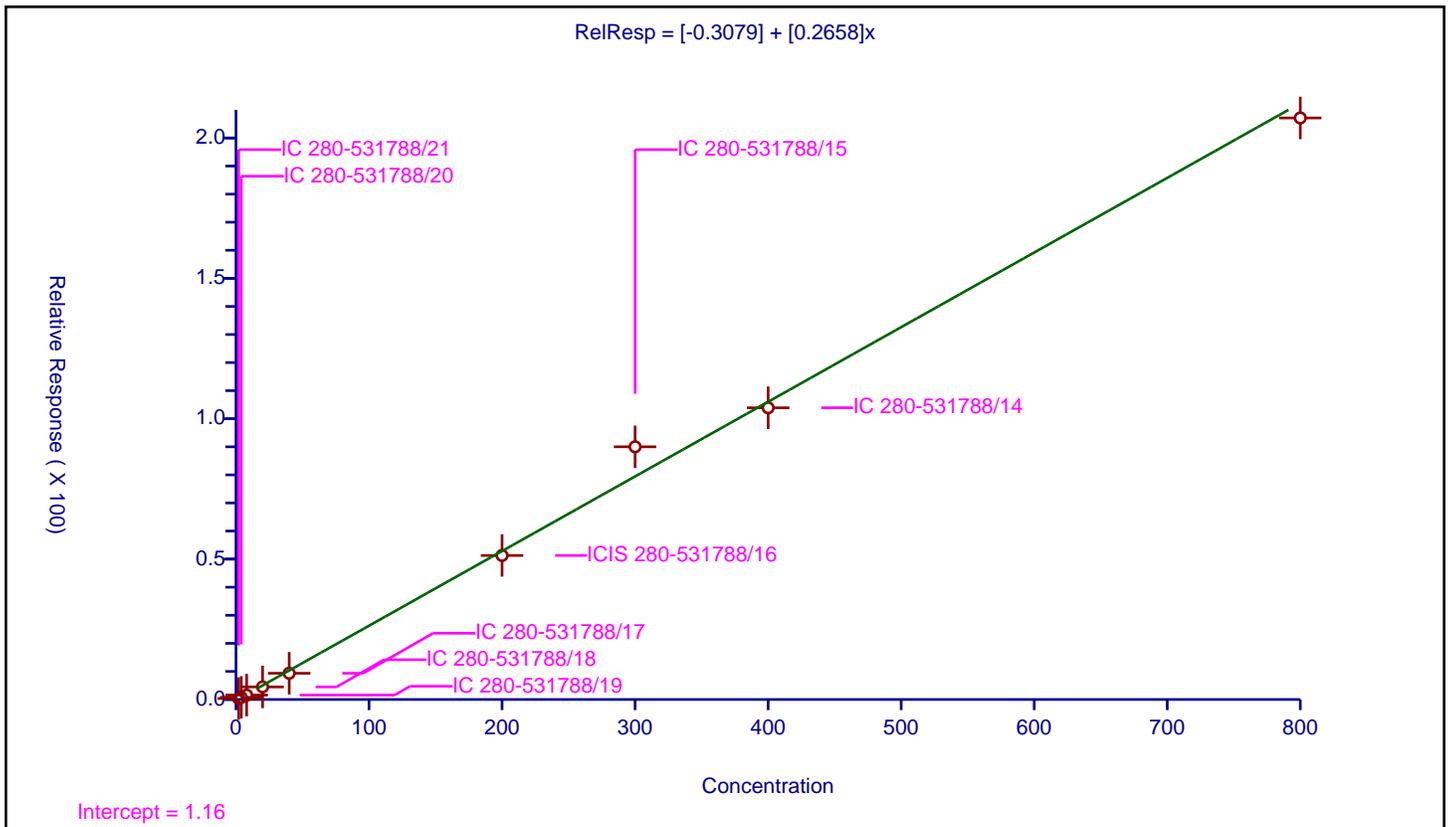
/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.3079
Slope:	0.2658

Error Coefficients	
Standard Error:	4370000
Relative Standard Error:	12.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	2.0	0.354263	50.0	2328073.0	0.177131	Y
2	IC 280-531788/20	4.0	0.759801	50.0	2371476.0	0.18995	Y
3	IC 280-531788/19	8.0	1.570628	50.0	2325853.0	0.196329	Y
4	IC 280-531788/18	20.0	4.483351	50.0	2333210.0	0.224168	Y
5	IC 280-531788/17	40.0	9.345335	50.0	2329146.0	0.233633	Y
6	ICIS 280-531788/16	200.0	51.297358	50.0	2358061.0	0.256487	Y
7	IC 280-531788/15	300.0	90.001475	50.0	2304365.0	0.300005	Y
8	IC 280-531788/14	400.0	103.896779	50.0	2258545.0	0.259742	Y
9	IC 280-531788/13	800.0	207.131753	50.0	2268215.0	0.258915	Y



**Calibration**

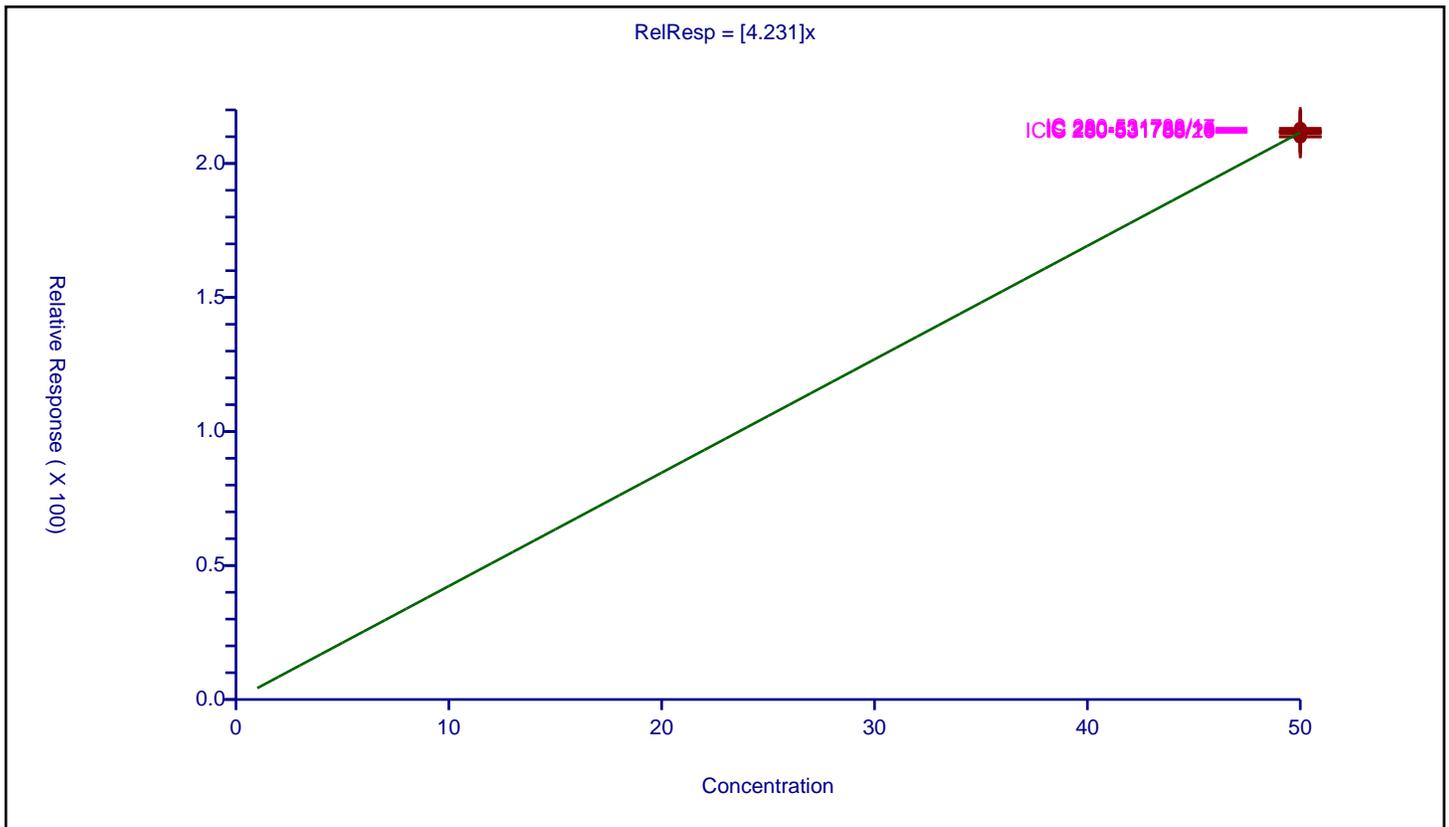
/ Toluene-d8 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.231

Error Coefficients	
Standard Error:	2380000
Relative Standard Error:	0.5
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/13	50.0	209.968147	50.0	528684.0	4.199363	Y
2	IC 280-531788/14	50.0	212.066039	50.0	518364.0	4.241321	Y
3	IC 280-531788/15	50.0	209.9748	50.0	538091.0	4.199496	Y
4	ICIS 280-531788/16	50.0	211.666367	50.0	539851.0	4.233327	Y
5	IC 280-531788/17	50.0	213.133417	50.0	525621.0	4.262668	Y
6	IC 280-531788/18	50.0	211.081146	50.0	529873.0	4.221623	Y
7	IC 280-531788/19	50.0	212.56348	50.0	524182.0	4.25127	Y
8	IC 280-531788/20	50.0	211.82128	50.0	533449.0	4.236426	Y
9	IC 280-531788/21	50.0	211.837681	50.0	526446.0	4.236754	Y



**Calibration**

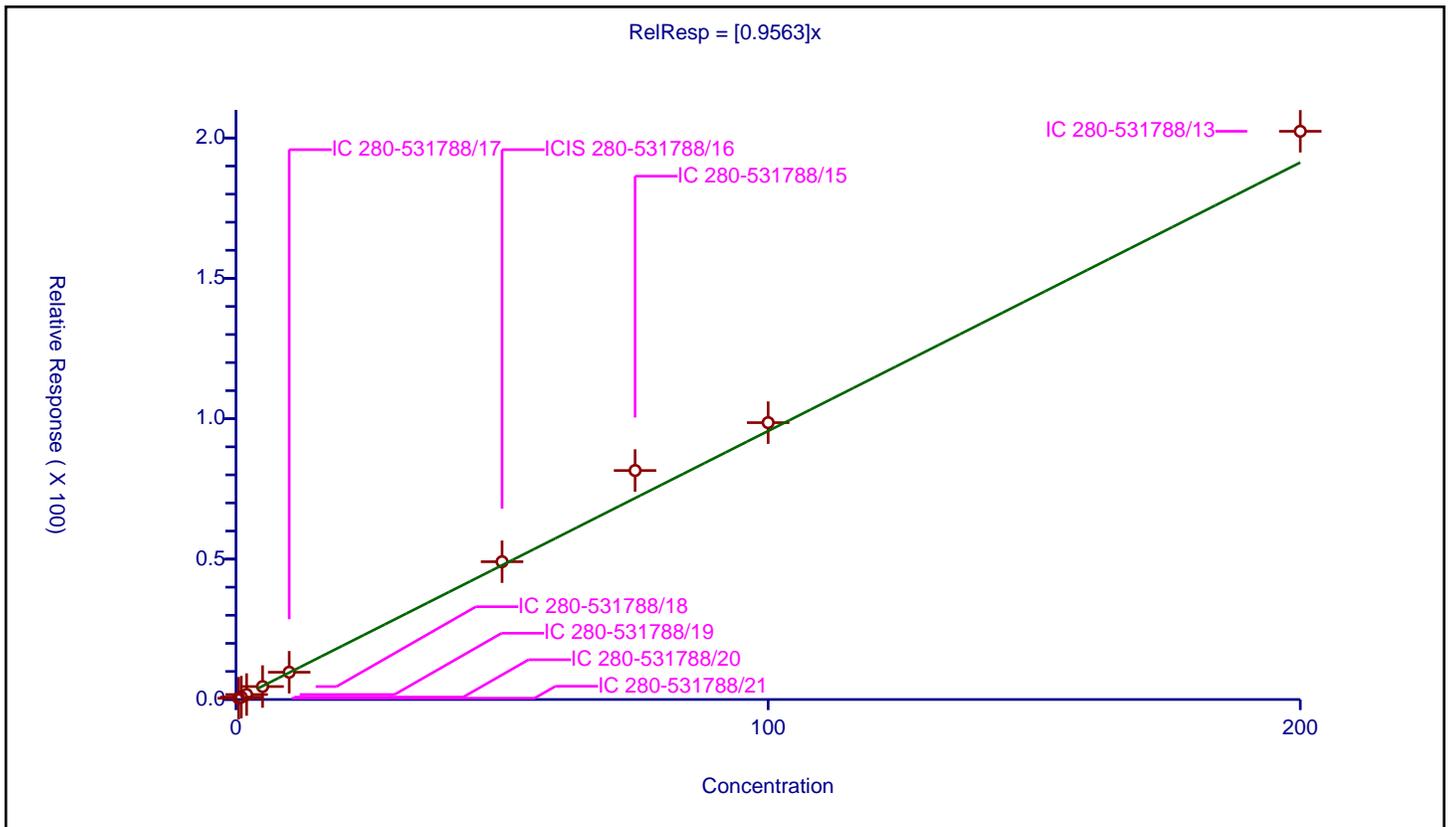
/ Toluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9563

Error Coefficients	
Standard Error:	3930000
Relative Standard Error:	7.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.456193	50.0	2328073.0	0.912385	Y
2	IC 280-531788/20	1.0	0.850462	50.0	2371476.0	0.850462	Y
3	IC 280-531788/19	2.0	1.767158	50.0	2325853.0	0.883579	Y
4	IC 280-531788/18	5.0	4.609529	50.0	2333210.0	0.921906	Y
5	IC 280-531788/17	10.0	9.713324	50.0	2329146.0	0.971332	Y
6	ICIS 280-531788/16	50.0	49.078268	50.0	2358061.0	0.981565	Y
7	IC 280-531788/15	75.0	81.556199	50.0	2304365.0	1.087416	Y
8	IC 280-531788/14	100.0	98.613156	50.0	2258545.0	0.986132	Y
9	IC 280-531788/13	200.0	202.380043	50.0	2268215.0	1.0119	Y



Calibration

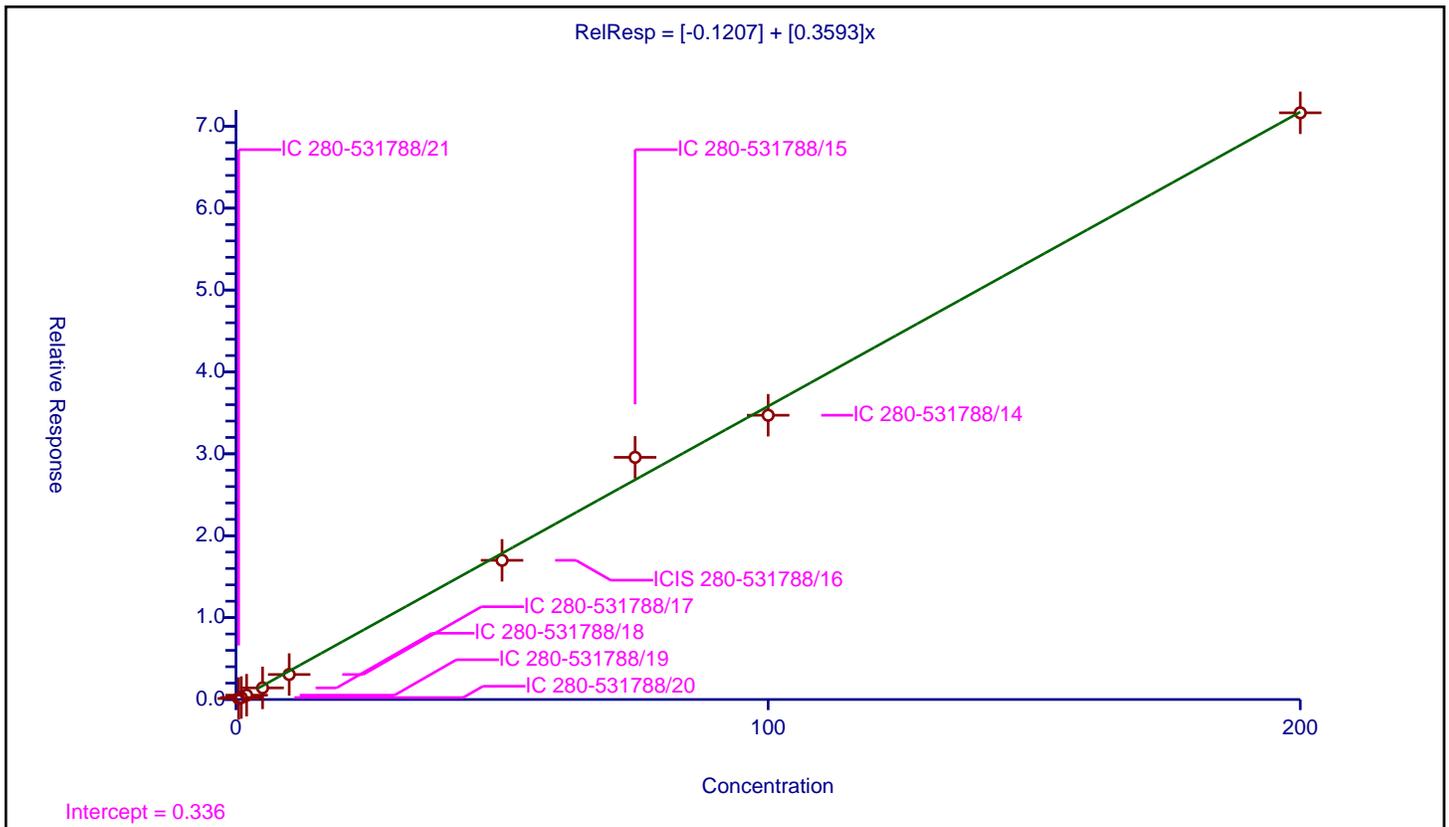
/ trans-1,3-Dichloropropene

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.1207
Slope:	0.3593

Error Coefficients	
Standard Error:	1490000
Relative Standard Error:	15.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.120357	50.0	2328073.0	0.240714	Y
2	IC 280-531788/20	1.0	0.236435	50.0	2371476.0	0.236435	Y
3	IC 280-531788/19	2.0	0.529182	50.0	2325853.0	0.264591	Y
4	IC 280-531788/18	5.0	1.415175	50.0	2333210.0	0.283035	Y
5	IC 280-531788/17	10.0	3.052428	50.0	2329146.0	0.305243	Y
6	ICIS 280-531788/16	50.0	16.99691	50.0	2358061.0	0.339938	Y
7	IC 280-531788/15	75.0	29.571704	50.0	2304365.0	0.394289	Y
8	IC 280-531788/14	100.0	34.712414	50.0	2258545.0	0.347124	Y
9	IC 280-531788/13	200.0	71.643826	50.0	2268215.0	0.358219	Y



**Calibration**

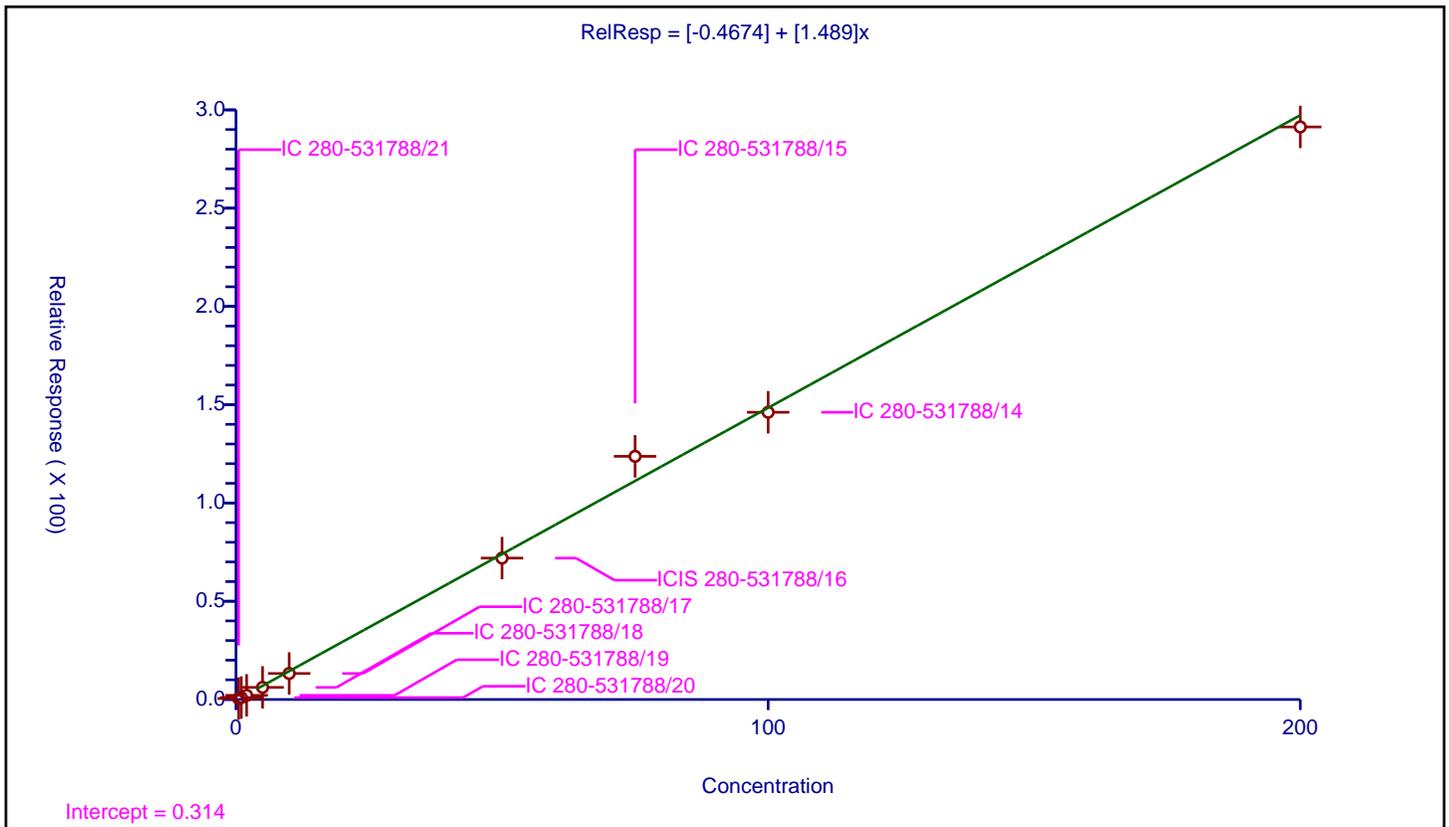
/ Ethyl methacrylate

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.4674
Slope:	1.489

Error Coefficients	
Standard Error:	1420000
Relative Standard Error:	14.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.497297	50.0	526446.0	0.994594	Y
2	IC 280-531788/20	1.0	0.989504	50.0	533449.0	0.989504	Y
3	IC 280-531788/19	2.0	2.11272	50.0	524182.0	1.05636	Y
4	IC 280-531788/18	5.0	6.15355	50.0	529873.0	1.23071	Y
5	IC 280-531788/17	10.0	13.235677	50.0	525621.0	1.323568	Y
6	ICIS 280-531788/16	50.0	71.937442	50.0	539851.0	1.438749	Y
7	IC 280-531788/15	75.0	123.72489	50.0	538091.0	1.649665	Y
8	IC 280-531788/14	100.0	146.150099	50.0	518364.0	1.461501	Y
9	IC 280-531788/13	200.0	291.320619	50.0	528684.0	1.456603	Y



Calibration

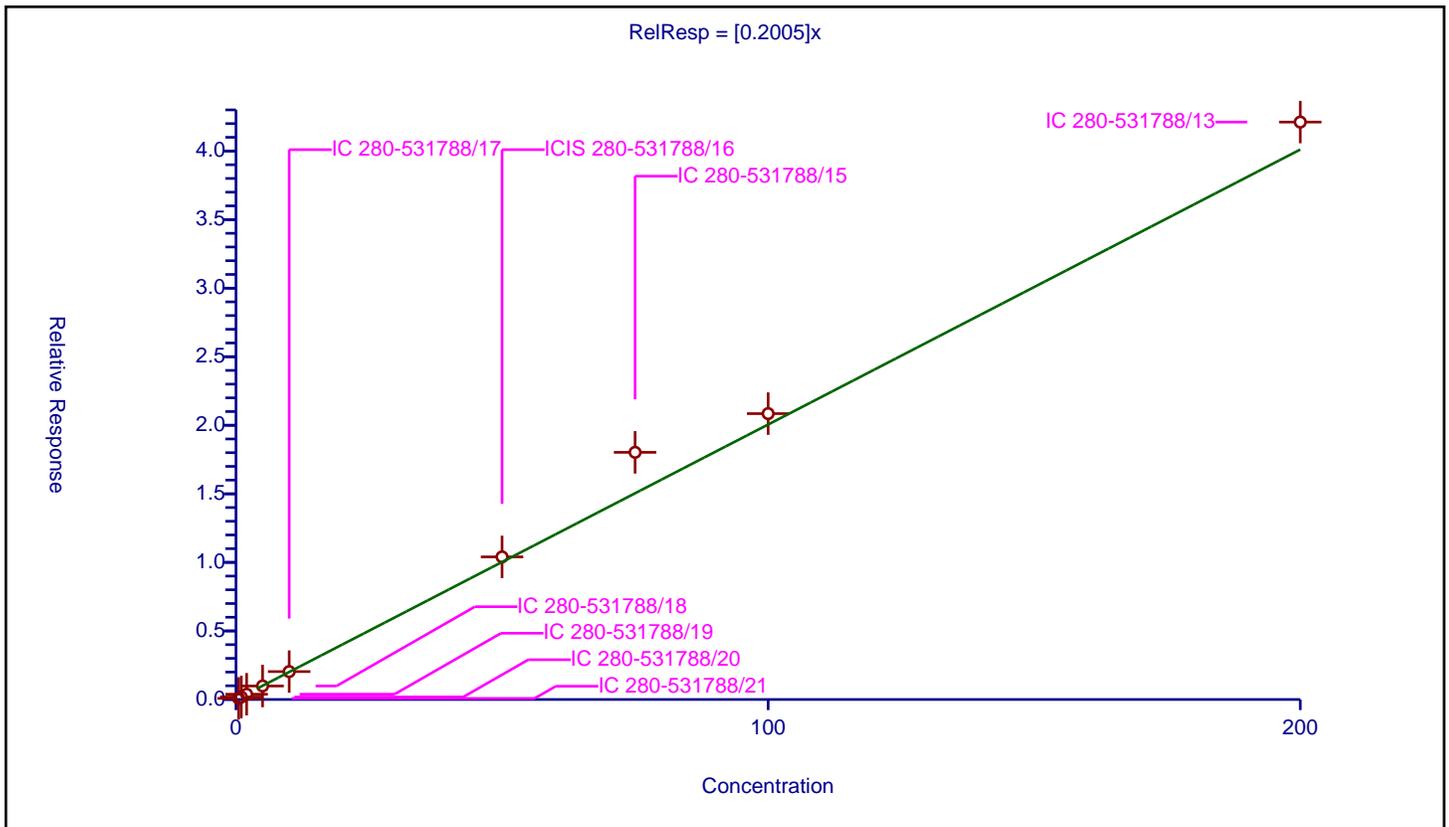
/ 1,1,2-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2005

Error Coefficients	
Standard Error:	828000
Relative Standard Error:	10.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.080023	50.0	2328073.0	0.160047	Y
2	IC 280-531788/20	1.0	0.183451	50.0	2371476.0	0.183451	Y
3	IC 280-531788/19	2.0	0.386396	50.0	2325853.0	0.193198	Y
4	IC 280-531788/18	5.0	0.985874	50.0	2333210.0	0.197175	Y
5	IC 280-531788/17	10.0	2.035918	50.0	2329146.0	0.203592	Y
6	ICIS 280-531788/16	50.0	10.401512	50.0	2358061.0	0.20803	Y
7	IC 280-531788/15	75.0	18.025877	50.0	2304365.0	0.240345	Y
8	IC 280-531788/14	100.0	20.848865	50.0	2258545.0	0.208489	Y
9	IC 280-531788/13	200.0	42.112917	50.0	2268215.0	0.210565	Y



**Calibration**

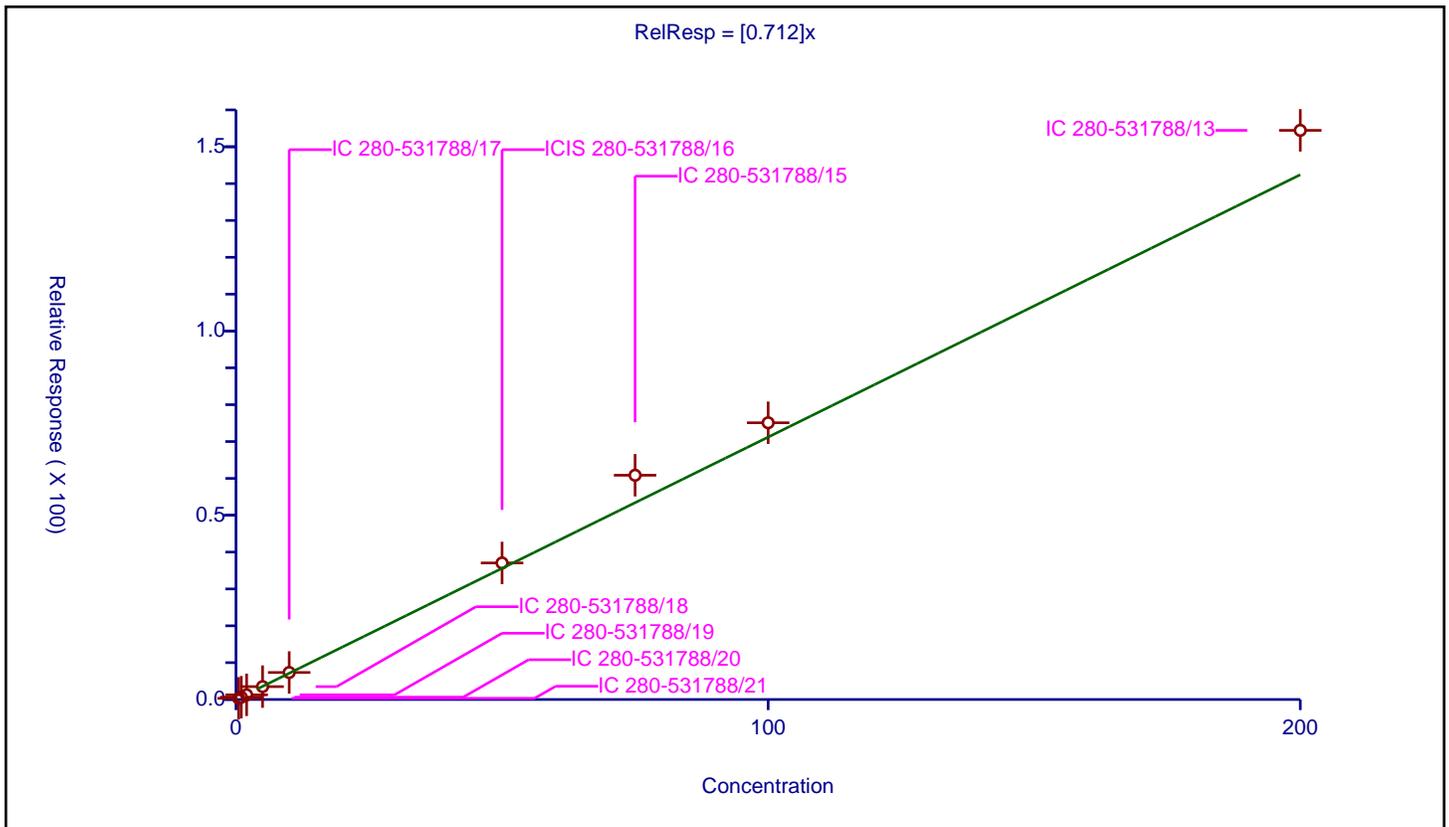
**/ Tetrachloroethene**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.712

Error Coefficients	
Standard Error:	695000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.318646	50.0	526446.0	0.637292	Y
2	IC 280-531788/20	1.0	0.632675	50.0	533449.0	0.632675	Y
3	IC 280-531788/19	2.0	1.262634	50.0	524182.0	0.631317	Y
4	IC 280-531788/18	5.0	3.492724	50.0	529873.0	0.698545	Y
5	IC 280-531788/17	10.0	7.329045	50.0	525621.0	0.732905	Y
6	ICIS 280-531788/16	50.0	37.051149	50.0	539851.0	0.741023	Y
7	IC 280-531788/15	75.0	60.853555	50.0	538091.0	0.811381	Y
8	IC 280-531788/14	100.0	75.09231	50.0	518364.0	0.750923	Y
9	IC 280-531788/13	200.0	154.443013	50.0	528684.0	0.772215	Y



**Calibration**

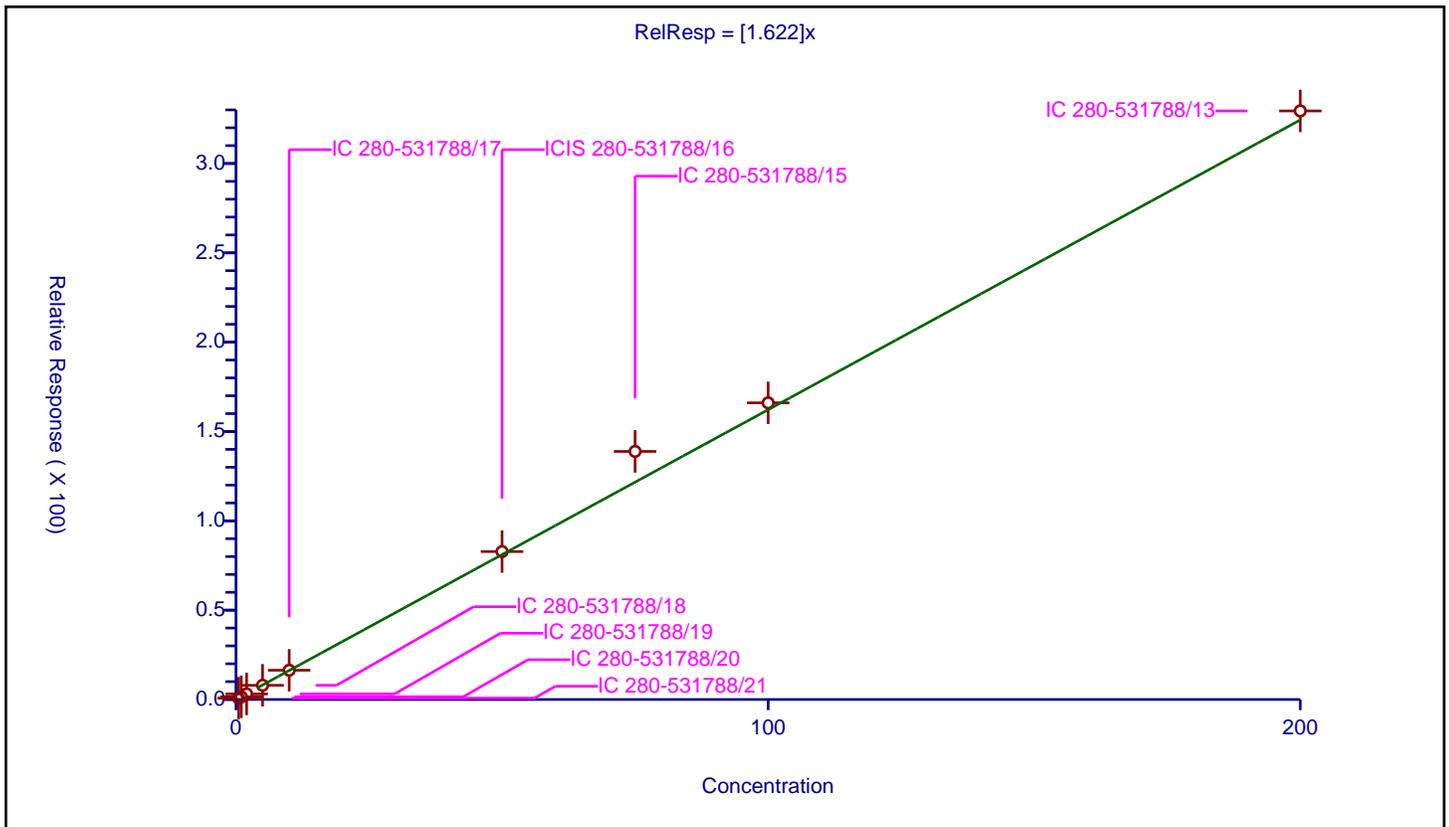
/ 1,3-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.622

Error Coefficients	
Standard Error:	1510000
Relative Standard Error:	6.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.742716	50.0	526446.0	1.485433	Y
2	IC 280-531788/20	1.0	1.515609	50.0	533449.0	1.515609	Y
3	IC 280-531788/19	2.0	3.111705	50.0	524182.0	1.555853	Y
4	IC 280-531788/18	5.0	7.940582	50.0	529873.0	1.588116	Y
5	IC 280-531788/17	10.0	16.374917	50.0	525621.0	1.637492	Y
6	ICIS 280-531788/16	50.0	82.783953	50.0	539851.0	1.655679	Y
7	IC 280-531788/15	75.0	138.840549	50.0	538091.0	1.851207	Y
8	IC 280-531788/14	100.0	166.034582	50.0	518364.0	1.660346	Y
9	IC 280-531788/13	200.0	329.42599	50.0	528684.0	1.64713	Y



**Calibration**

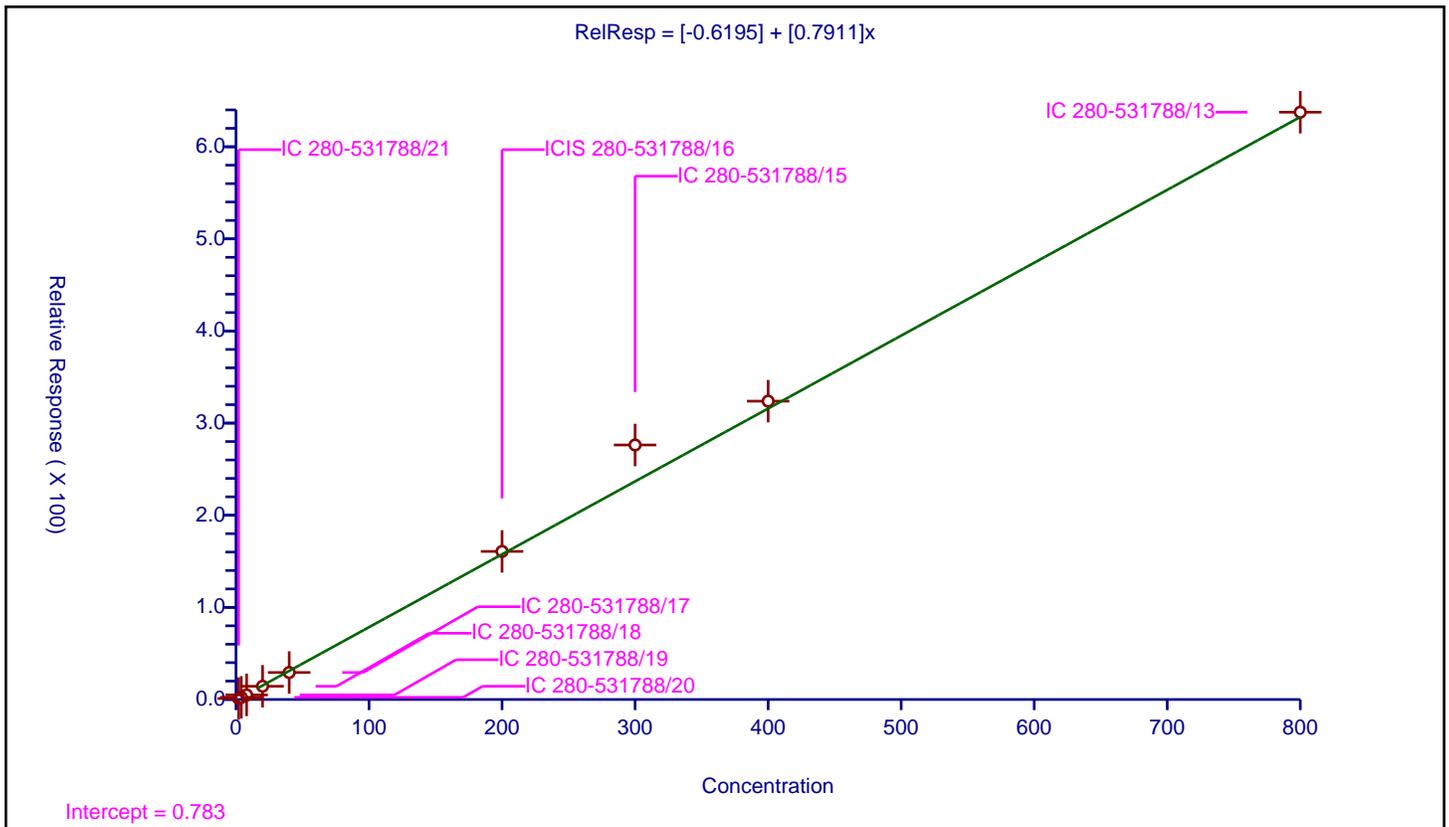
**/ 2-Hexanone**

**Curve Type:** Linear  
**Weighting:** Conc\_Sq  
**Origin:** None  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
<b>Intercept:</b>	-0.6195
<b>Slope:</b>	0.7911

Error Coefficients	
<b>Standard Error:</b>	3130000
<b>Relative Standard Error:</b>	9.0
<b>Correlation Coefficient:</b>	0.996
<b>Coefficient of Determination (Adjusted):</b>	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	2.0	1.068581	50.0	526446.0	0.53429	Y
2	IC 280-531788/20	4.0	2.351771	50.0	533449.0	0.587943	Y
3	IC 280-531788/19	8.0	4.954577	50.0	524182.0	0.619322	Y
4	IC 280-531788/18	20.0	14.378351	50.0	529873.0	0.718918	Y
5	IC 280-531788/17	40.0	29.313612	50.0	525621.0	0.73284	Y
6	ICIS 280-531788/16	200.0	160.730831	50.0	539851.0	0.803654	Y
7	IC 280-531788/15	300.0	276.267304	50.0	538091.0	0.920891	Y
8	IC 280-531788/14	400.0	323.82216	50.0	518364.0	0.809555	Y
9	IC 280-531788/13	800.0	637.509363	50.0	528684.0	0.796887	Y



Calibration

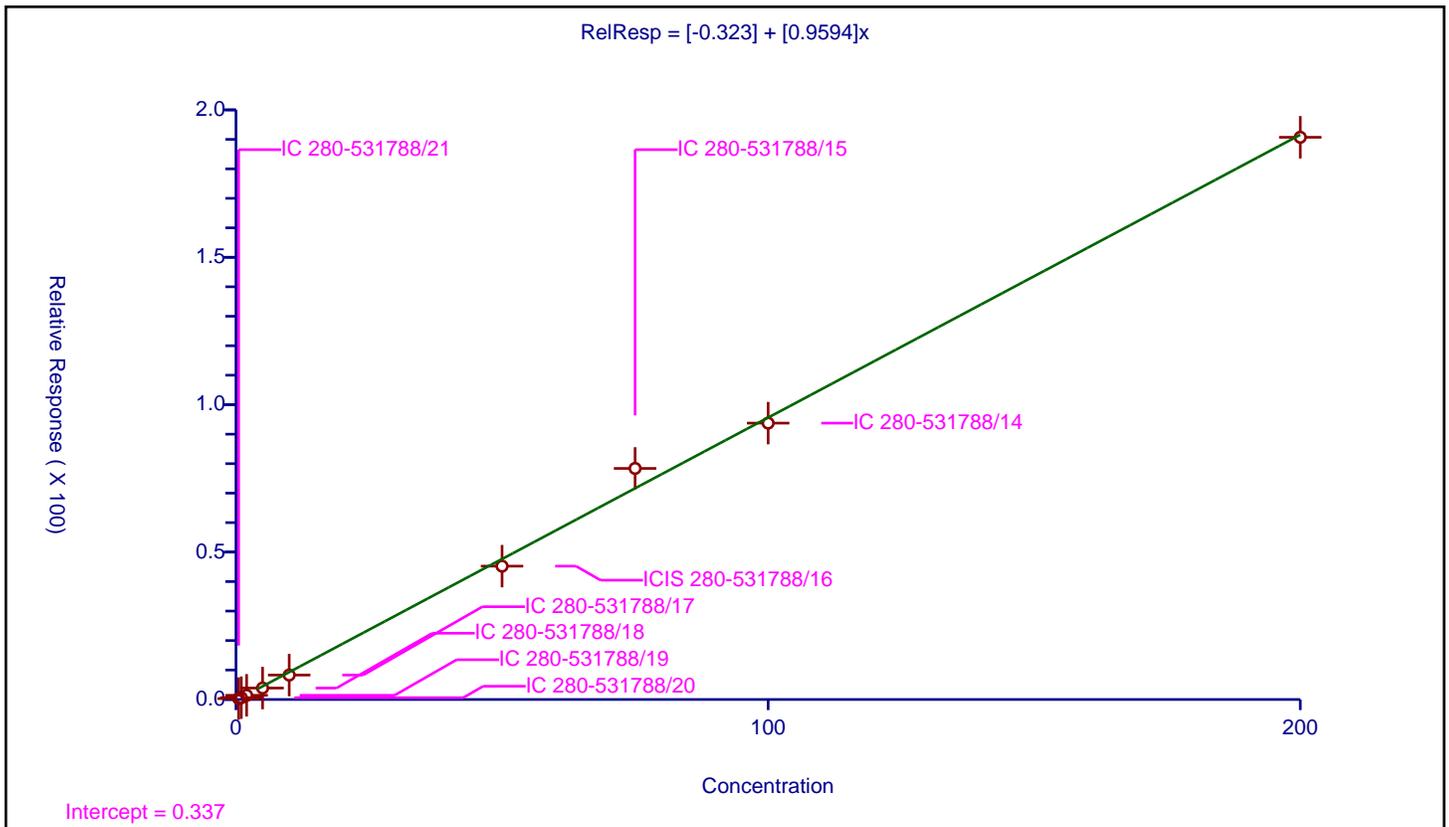
/ Chlorodibromomethane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.323
Slope:	0.9594

Error Coefficients	
Standard Error:	923000
Relative Standard Error:	14.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.308104	50.0	526446.0	0.616208	Y
2	IC 280-531788/20	1.0	0.616085	50.0	533449.0	0.616085	Y
3	IC 280-531788/19	2.0	1.427462	50.0	524182.0	0.713731	Y
4	IC 280-531788/18	5.0	3.878477	50.0	529873.0	0.775695	Y
5	IC 280-531788/17	10.0	8.290765	50.0	525621.0	0.829076	Y
6	ICIS 280-531788/16	50.0	45.234889	50.0	539851.0	0.904698	Y
7	IC 280-531788/15	75.0	78.380144	50.0	538091.0	1.045069	Y
8	IC 280-531788/14	100.0	93.747155	50.0	518364.0	0.937472	Y
9	IC 280-531788/13	200.0	190.710235	50.0	528684.0	0.953551	Y



**Calibration**

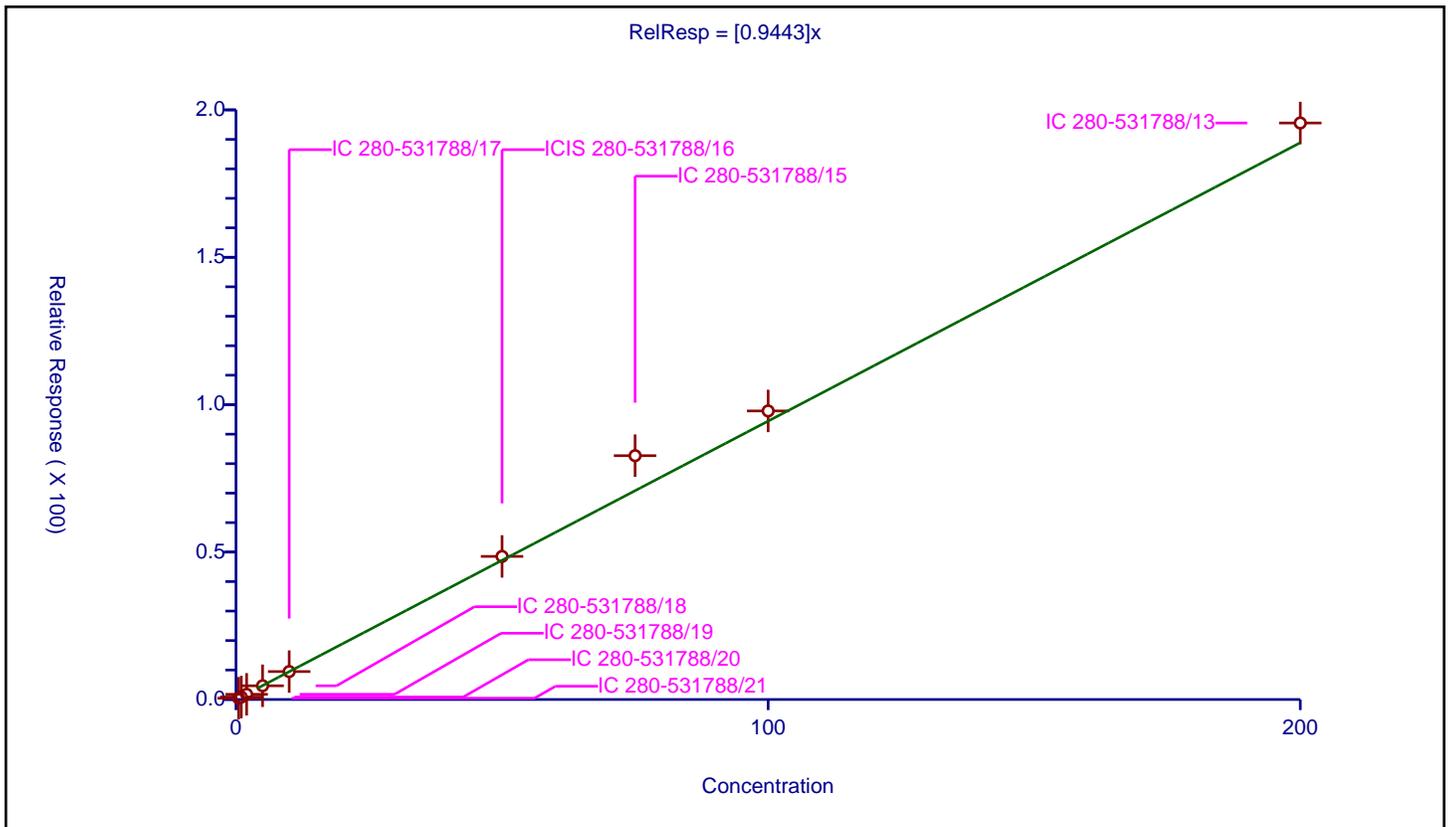
/ Ethylene Dibromide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9443

Error Coefficients	
Standard Error:	893000
Relative Standard Error:	8.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.437272	50.0	526446.0	0.874544	Y
2	IC 280-531788/20	1.0	0.836069	50.0	533449.0	0.836069	Y
3	IC 280-531788/19	2.0	1.761793	50.0	524182.0	0.880896	Y
4	IC 280-531788/18	5.0	4.651775	50.0	529873.0	0.930355	Y
5	IC 280-531788/17	10.0	9.471844	50.0	525621.0	0.947184	Y
6	ICIS 280-531788/16	50.0	48.535707	50.0	539851.0	0.970714	Y
7	IC 280-531788/15	75.0	82.70497	50.0	538091.0	1.102733	Y
8	IC 280-531788/14	100.0	97.881412	50.0	518364.0	0.978814	Y
9	IC 280-531788/13	200.0	195.560297	50.0	528684.0	0.977801	Y



**Calibration**

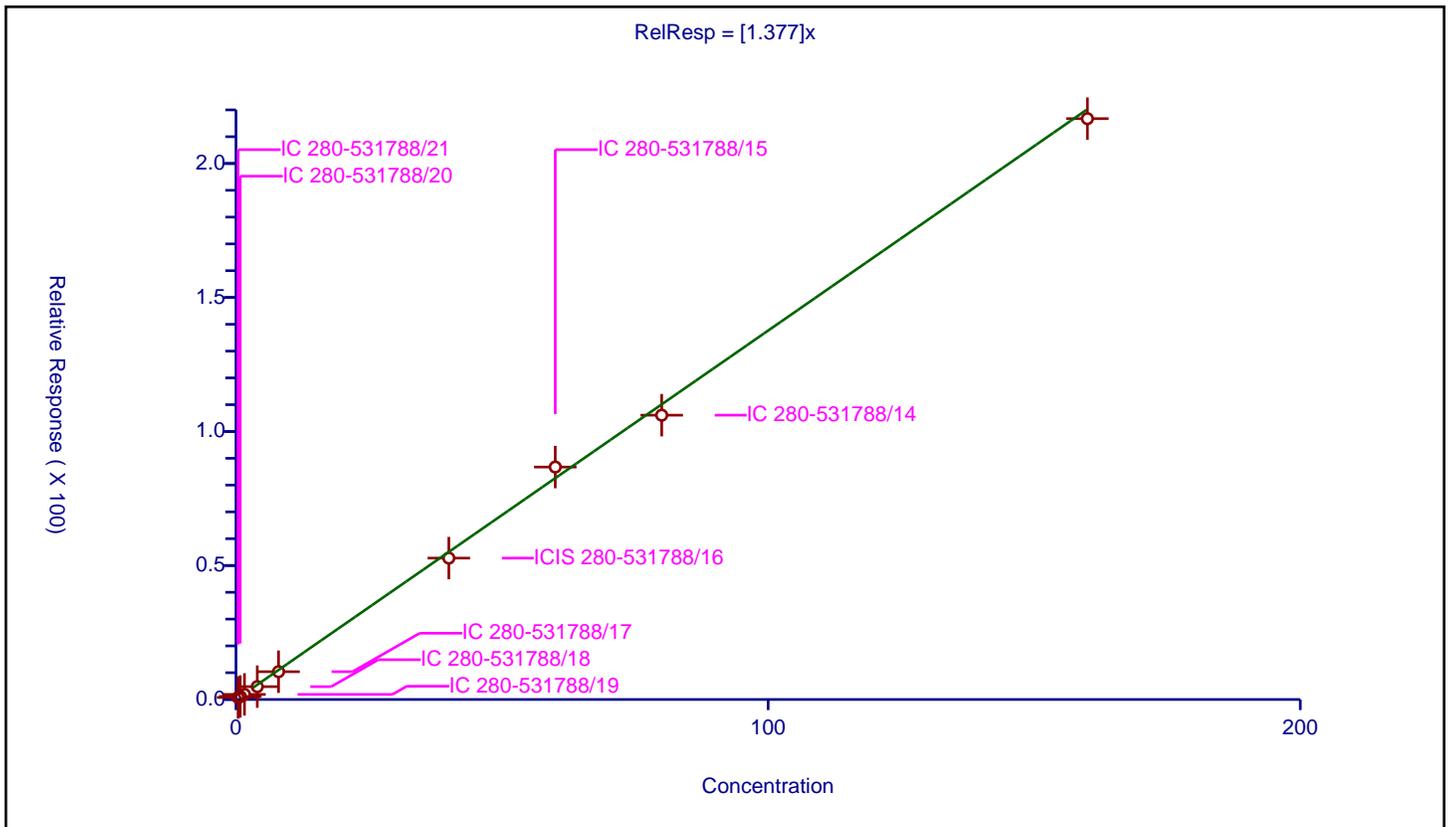
**/ 1-Chlorohexane**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.377

Error Coefficients	
Standard Error:	979000
Relative Standard Error:	14.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.4	0.74623	50.0	526446.0	1.865576	Y
2	IC 280-531788/20	0.8	1.119695	50.0	533449.0	1.399618	Y
3	IC 280-531788/19	1.6	1.895906	50.0	524182.0	1.184941	Y
4	IC 280-531788/18	4.0	4.789261	50.0	529873.0	1.197315	Y
5	IC 280-531788/17	8.0	10.371351	50.0	525621.0	1.296419	Y
6	ICIS 280-531788/16	40.0	52.756872	50.0	539851.0	1.318922	Y
7	IC 280-531788/15	60.0	86.73505	50.0	538091.0	1.445584	Y
8	IC 280-531788/14	80.0	106.081923	50.0	518364.0	1.326024	Y
9	IC 280-531788/13	160.0	216.733625	50.0	528684.0	1.354585	Y



**Calibration**

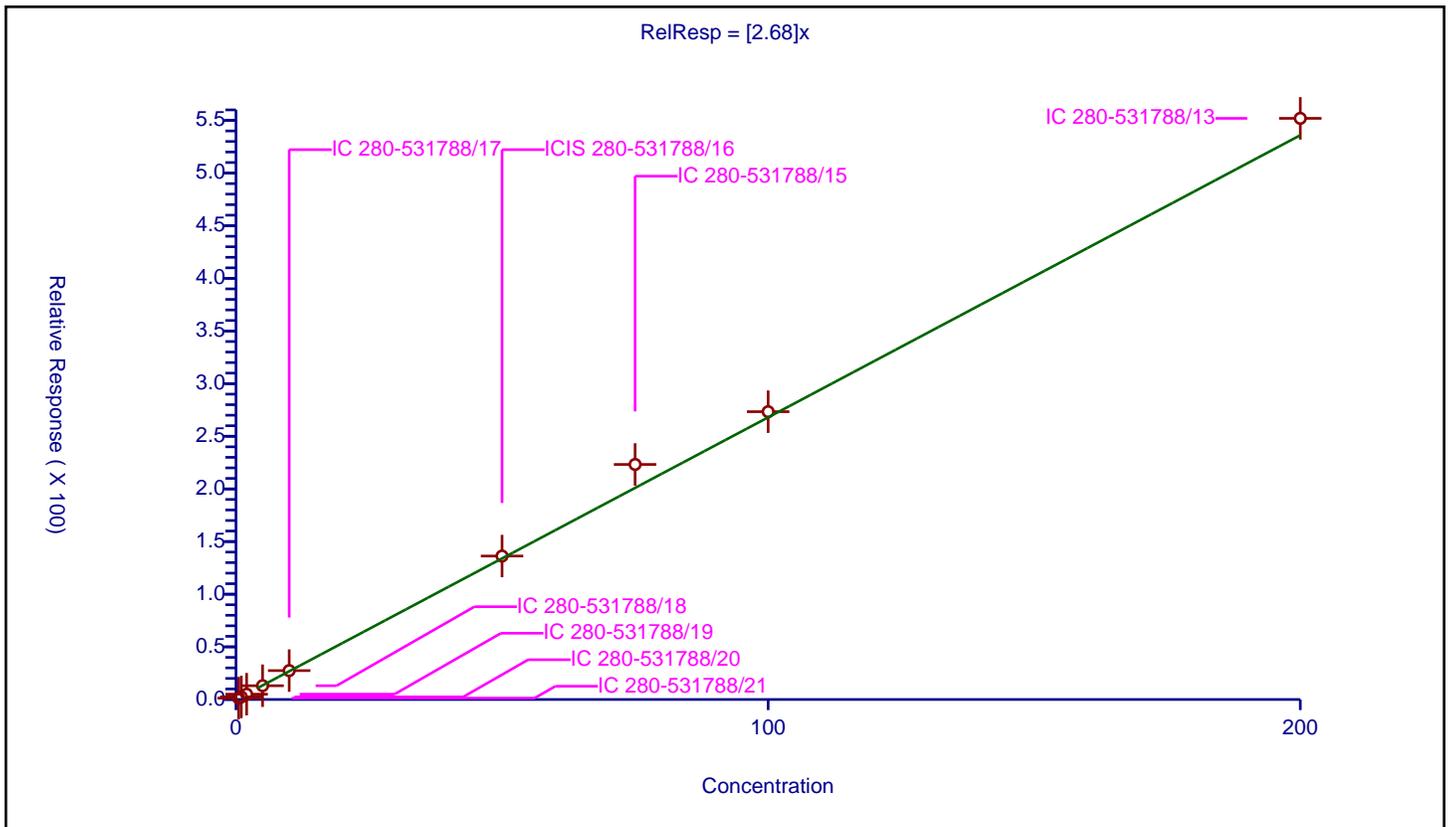
/ Chlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.68

Error Coefficients	
Standard Error:	2500000
Relative Standard Error:	5.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	1.290066	50.0	526446.0	2.580132	Y
2	IC 280-531788/20	1.0	2.459842	50.0	533449.0	2.459842	Y
3	IC 280-531788/19	2.0	5.044527	50.0	524182.0	2.522263	Y
4	IC 280-531788/18	5.0	13.077379	50.0	529873.0	2.615476	Y
5	IC 280-531788/17	10.0	27.439162	50.0	525621.0	2.743916	Y
6	ICIS 280-531788/16	50.0	136.249447	50.0	539851.0	2.724989	Y
7	IC 280-531788/15	75.0	223.246533	50.0	538091.0	2.97662	Y
8	IC 280-531788/14	100.0	273.352413	50.0	518364.0	2.733524	Y
9	IC 280-531788/13	200.0	551.965163	50.0	528684.0	2.759826	Y



Calibration

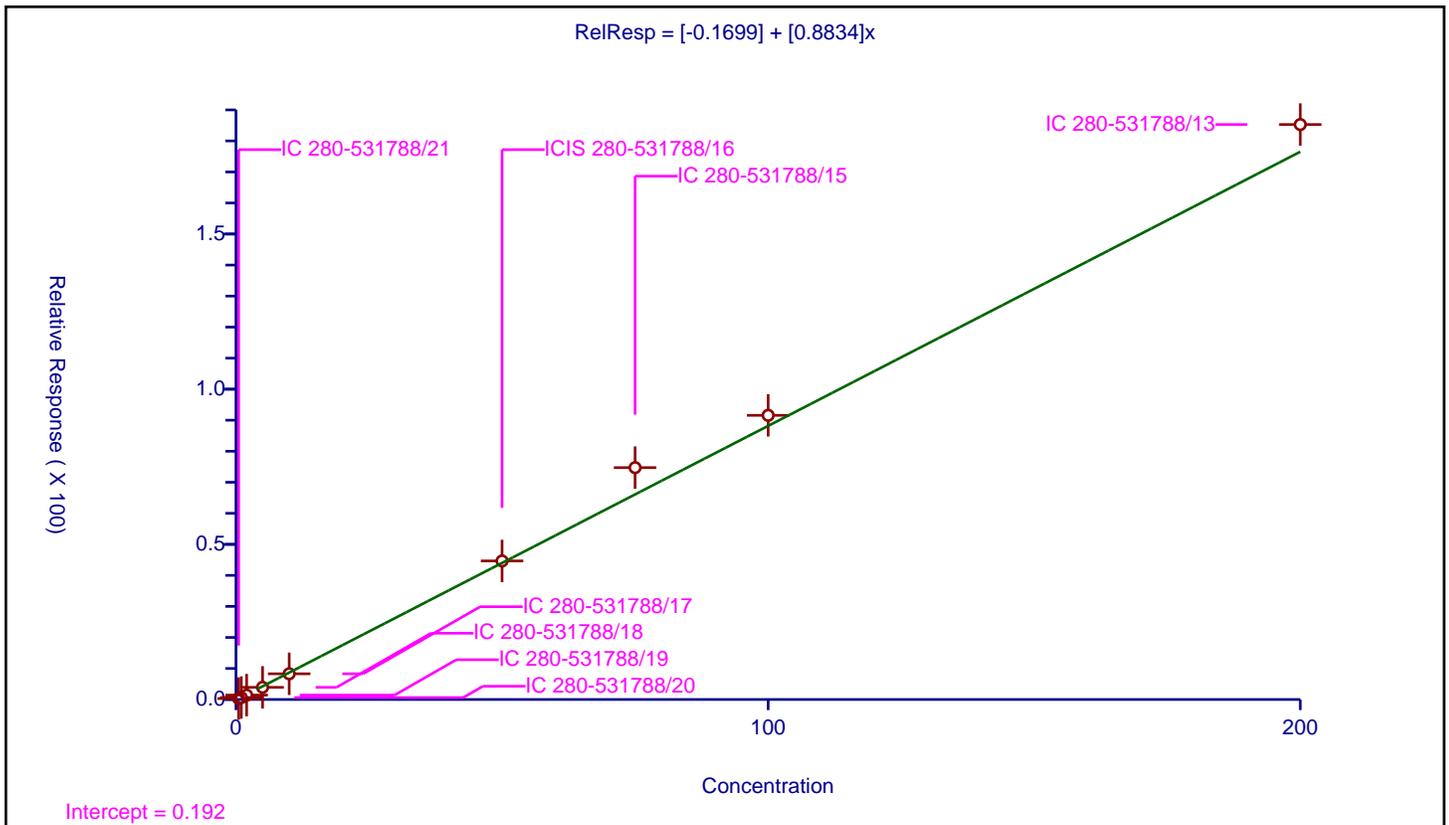
/ 1,1,1,2-Tetrachloroethane

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.1699
Slope:	0.8834

Error Coefficients	
Standard Error:	897000
Relative Standard Error:	8.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.307249	50.0	526446.0	0.614498	Y
2	IC 280-531788/20	1.0	0.632019	50.0	533449.0	0.632019	Y
3	IC 280-531788/19	2.0	1.41325	50.0	524182.0	0.706625	Y
4	IC 280-531788/18	5.0	3.918958	50.0	529873.0	0.783792	Y
5	IC 280-531788/17	10.0	8.283725	50.0	525621.0	0.828373	Y
6	ICIS 280-531788/16	50.0	44.646023	50.0	539851.0	0.89292	Y
7	IC 280-531788/15	75.0	74.716637	50.0	538091.0	0.996222	Y
8	IC 280-531788/14	100.0	91.570981	50.0	518364.0	0.91571	Y
9	IC 280-531788/13	200.0	185.279203	50.0	528684.0	0.926396	Y



**Calibration**

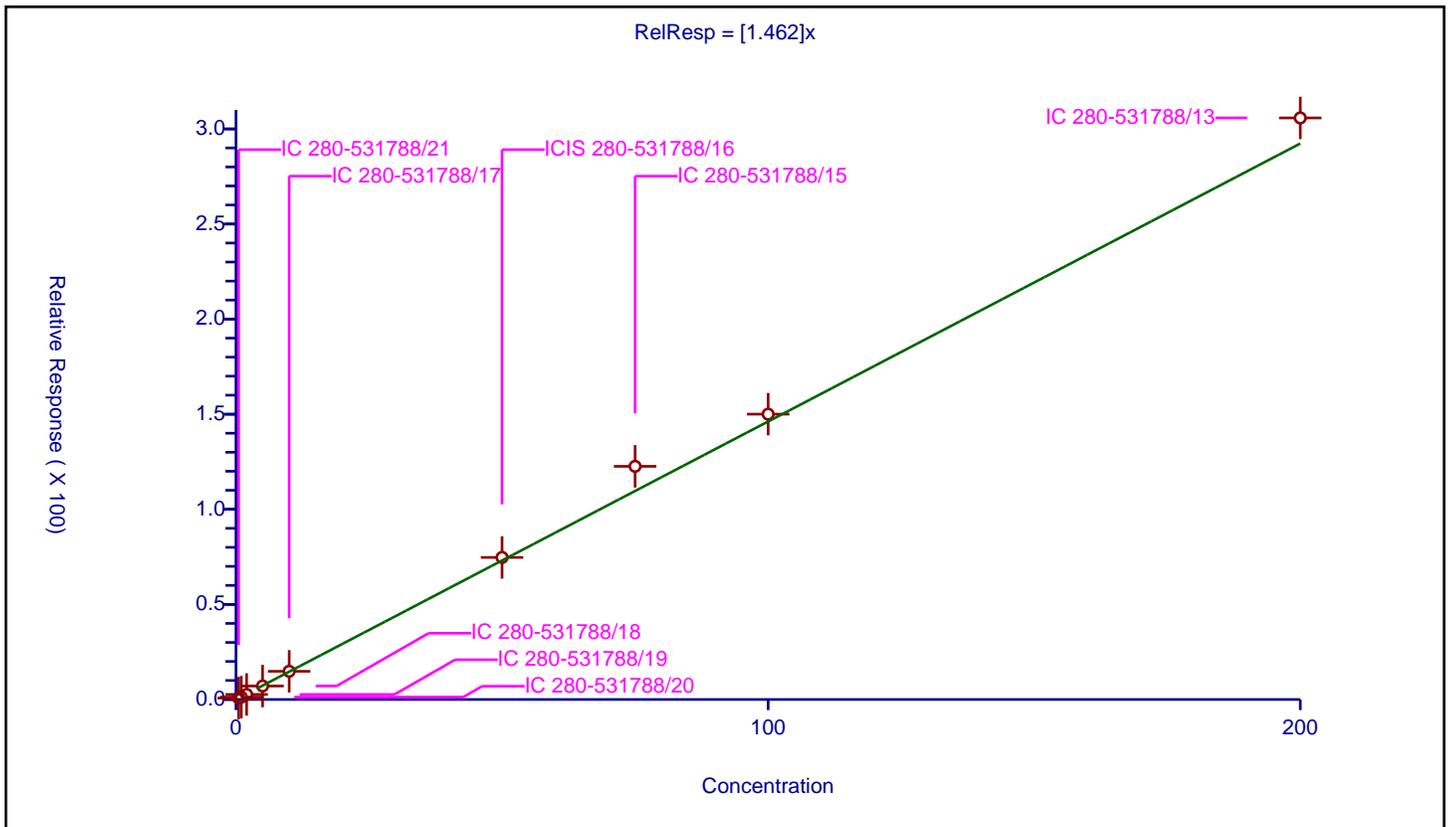
/ Ethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.462

Error Coefficients	
Standard Error:	1380000
Relative Standard Error:	7.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.751549	50.0	526446.0	1.503098	Y
2	IC 280-531788/20	1.0	1.266382	50.0	533449.0	1.266382	Y
3	IC 280-531788/19	2.0	2.656043	50.0	524182.0	1.328022	Y
4	IC 280-531788/18	5.0	7.086415	50.0	529873.0	1.417283	Y
5	IC 280-531788/17	10.0	14.819613	50.0	525621.0	1.481961	Y
6	ICIS 280-531788/16	50.0	74.683292	50.0	539851.0	1.493666	Y
7	IC 280-531788/15	75.0	122.595806	50.0	538091.0	1.634611	Y
8	IC 280-531788/14	100.0	150.01987	50.0	518364.0	1.500199	Y
9	IC 280-531788/13	200.0	305.773392	50.0	528684.0	1.528867	Y



**Calibration**

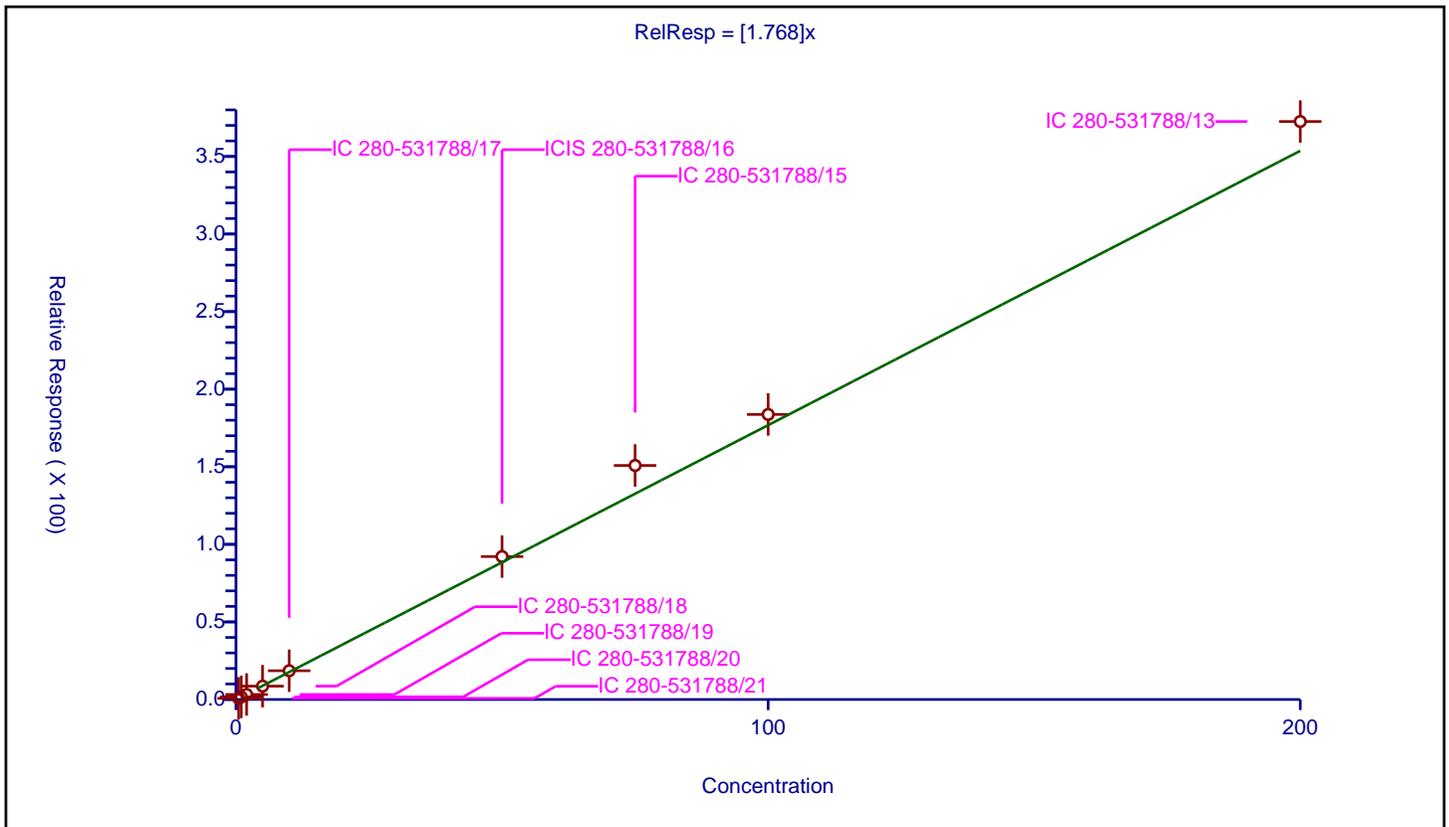
/ m-Xylene & p-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.768

Error Coefficients	
Standard Error:	1690000
Relative Standard Error:	8.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.740627	50.0	526446.0	1.481254	Y
2	IC 280-531788/20	1.0	1.686665	50.0	533449.0	1.686665	Y
3	IC 280-531788/19	2.0	3.23609	50.0	524182.0	1.618045	Y
4	IC 280-531788/18	5.0	8.603948	50.0	529873.0	1.72079	Y
5	IC 280-531788/17	10.0	18.526847	50.0	525621.0	1.852685	Y
6	ICIS 280-531788/16	50.0	92.126716	50.0	539851.0	1.842534	Y
7	IC 280-531788/15	75.0	150.834989	50.0	538091.0	2.011133	Y
8	IC 280-531788/14	100.0	183.716365	50.0	518364.0	1.837164	Y
9	IC 280-531788/13	200.0	372.519218	50.0	528684.0	1.862596	Y



Calibration

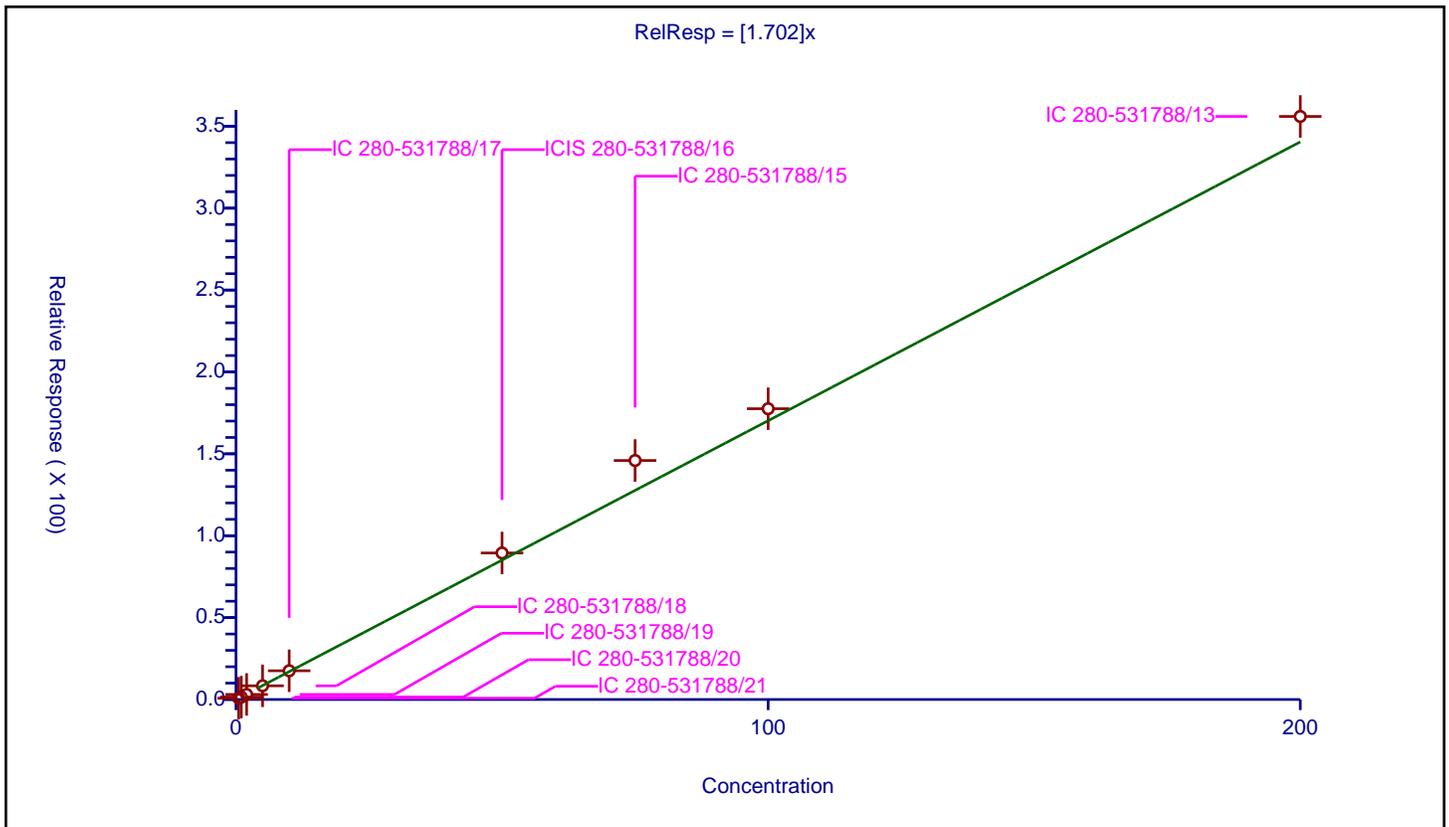
/ o-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.702

Error Coefficients	
Standard Error:	1620000
Relative Standard Error:	8.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.792009	50.0	526446.0	1.584018	Y
2	IC 280-531788/20	1.0	1.480741	50.0	533449.0	1.480741	Y
3	IC 280-531788/19	2.0	3.077748	50.0	524182.0	1.538874	Y
4	IC 280-531788/18	5.0	8.367005	50.0	529873.0	1.673401	Y
5	IC 280-531788/17	10.0	17.534783	50.0	525621.0	1.753478	Y
6	ICIS 280-531788/16	50.0	89.459314	50.0	539851.0	1.789186	Y
7	IC 280-531788/15	75.0	145.928198	50.0	538091.0	1.945709	Y
8	IC 280-531788/14	100.0	177.535573	50.0	518364.0	1.775356	Y
9	IC 280-531788/13	200.0	355.995075	50.0	528684.0	1.779975	Y



Calibration

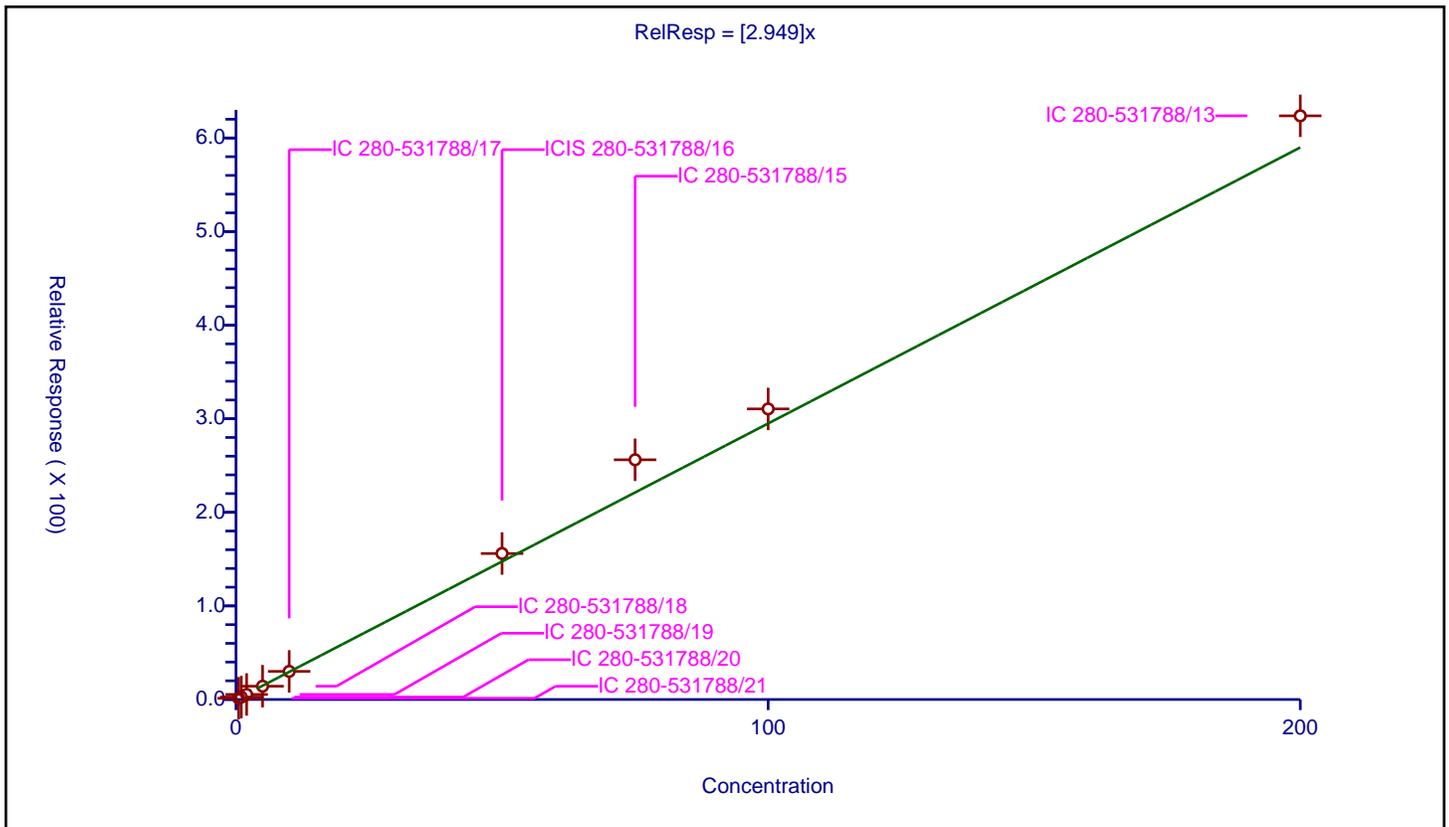
/ Styrene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.949

Error Coefficients	
Standard Error:	2840000
Relative Standard Error:	9.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	1.327582	50.0	526446.0	2.655163	Y
2	IC 280-531788/20	1.0	2.590782	50.0	533449.0	2.590782	Y
3	IC 280-531788/19	2.0	5.389731	50.0	524182.0	2.694866	Y
4	IC 280-531788/18	5.0	14.200478	50.0	529873.0	2.840096	Y
5	IC 280-531788/17	10.0	30.051881	50.0	525621.0	3.005188	Y
6	ICIS 280-531788/16	50.0	155.985077	50.0	539851.0	3.119702	Y
7	IC 280-531788/15	75.0	256.146451	50.0	538091.0	3.415286	Y
8	IC 280-531788/14	100.0	310.472757	50.0	518364.0	3.104728	Y
9	IC 280-531788/13	200.0	623.66319	50.0	528684.0	3.118316	Y



**Calibration**

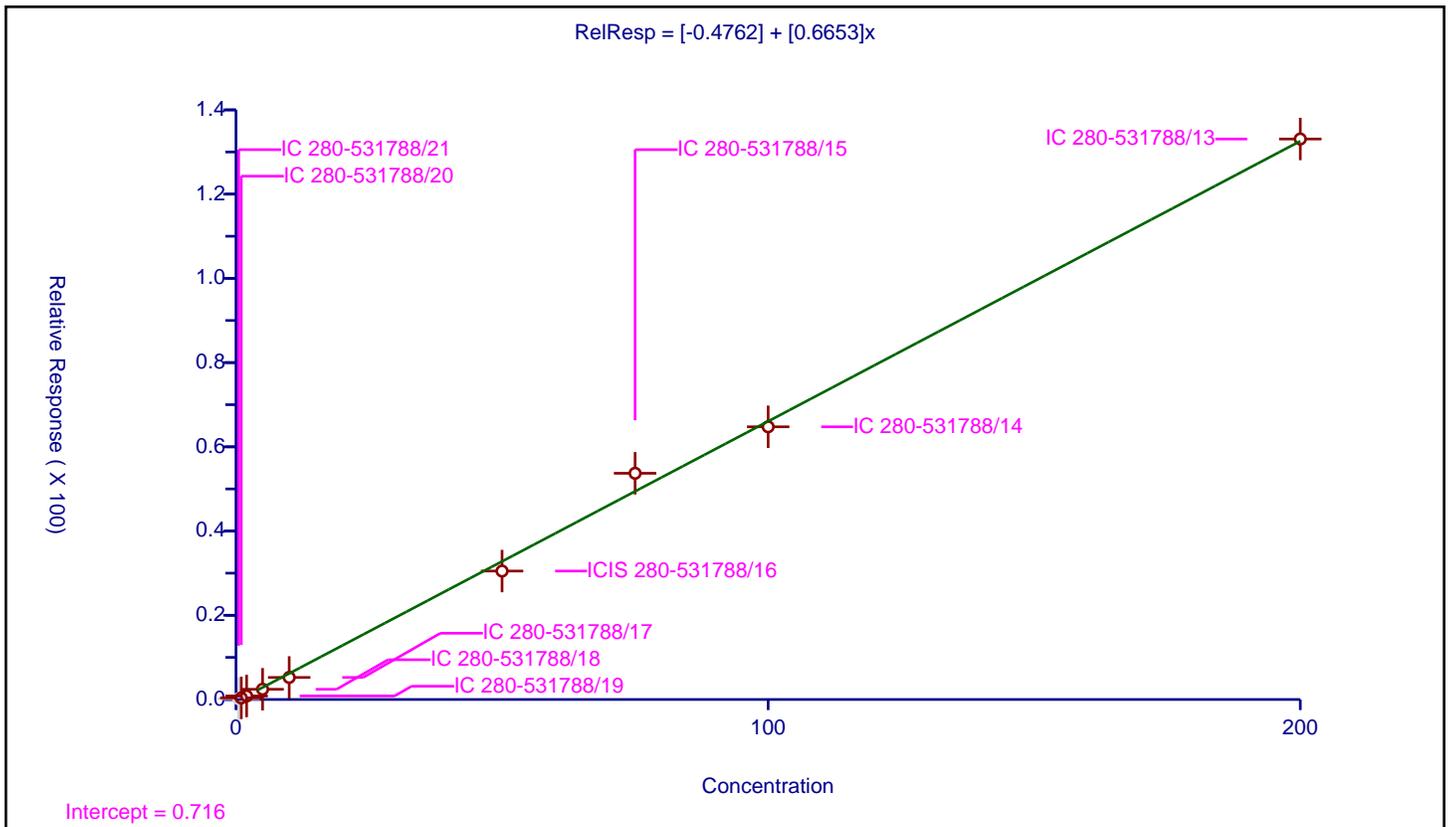
/ Bromoform

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.4762
Slope:	0.6653

Error Coefficients	
Standard Error:	692000
Relative Standard Error:	14.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.189383	50.0	526446.0	0.378766	N
2	IC 280-531788/20	1.0	0.377168	50.0	533449.0	0.377168	Y
3	IC 280-531788/19	2.0	0.834348	50.0	524182.0	0.417174	Y
4	IC 280-531788/18	5.0	2.427091	50.0	529873.0	0.485418	Y
5	IC 280-531788/17	10.0	5.234951	50.0	525621.0	0.523495	Y
6	ICIS 280-531788/16	50.0	30.497952	50.0	539851.0	0.609959	Y
7	IC 280-531788/15	75.0	53.71387	50.0	538091.0	0.716185	Y
8	IC 280-531788/14	100.0	64.751217	50.0	518364.0	0.647512	Y
9	IC 280-531788/13	200.0	133.086683	50.0	528684.0	0.665433	Y



Calibration

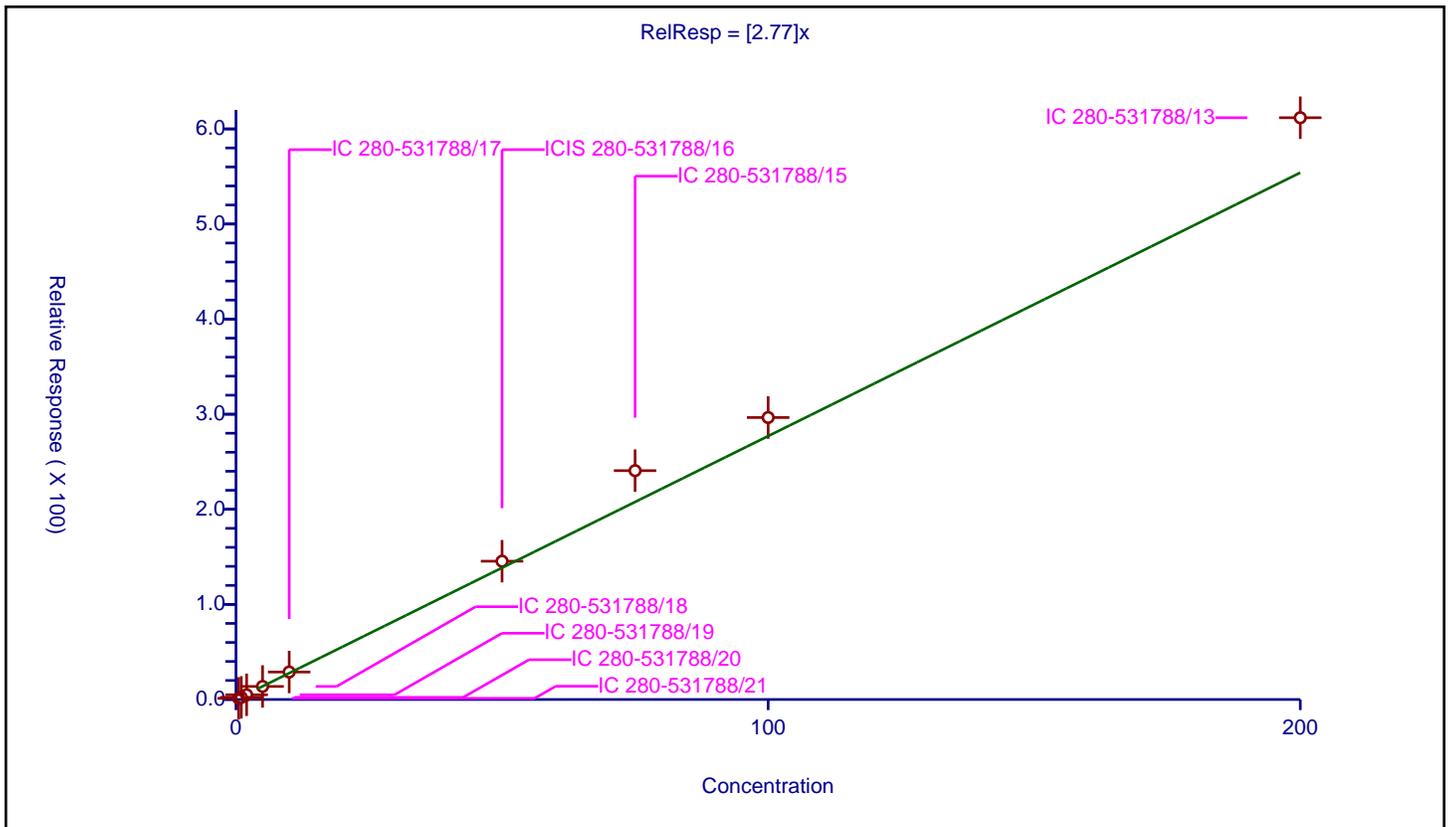
/ Isopropylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.77

Error Coefficients	
Standard Error:	4210000
Relative Standard Error:	11.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	1.220711	50.0	830868.0	2.441423	Y
2	IC 280-531788/20	1.0	2.237325	50.0	855307.0	2.237325	Y
3	IC 280-531788/19	2.0	4.938203	50.0	831841.0	2.469102	Y
4	IC 280-531788/18	5.0	13.743276	50.0	817236.0	2.748655	Y
5	IC 280-531788/17	10.0	28.912433	50.0	831535.0	2.891243	Y
6	ICIS 280-531788/16	50.0	145.418941	50.0	851910.0	2.908379	Y
7	IC 280-531788/15	75.0	240.635235	50.0	836919.0	3.20847	Y
8	IC 280-531788/14	100.0	296.520171	50.0	808991.0	2.965202	Y
9	IC 280-531788/13	200.0	611.785585	50.0	801390.0	3.058928	Y



Calibration

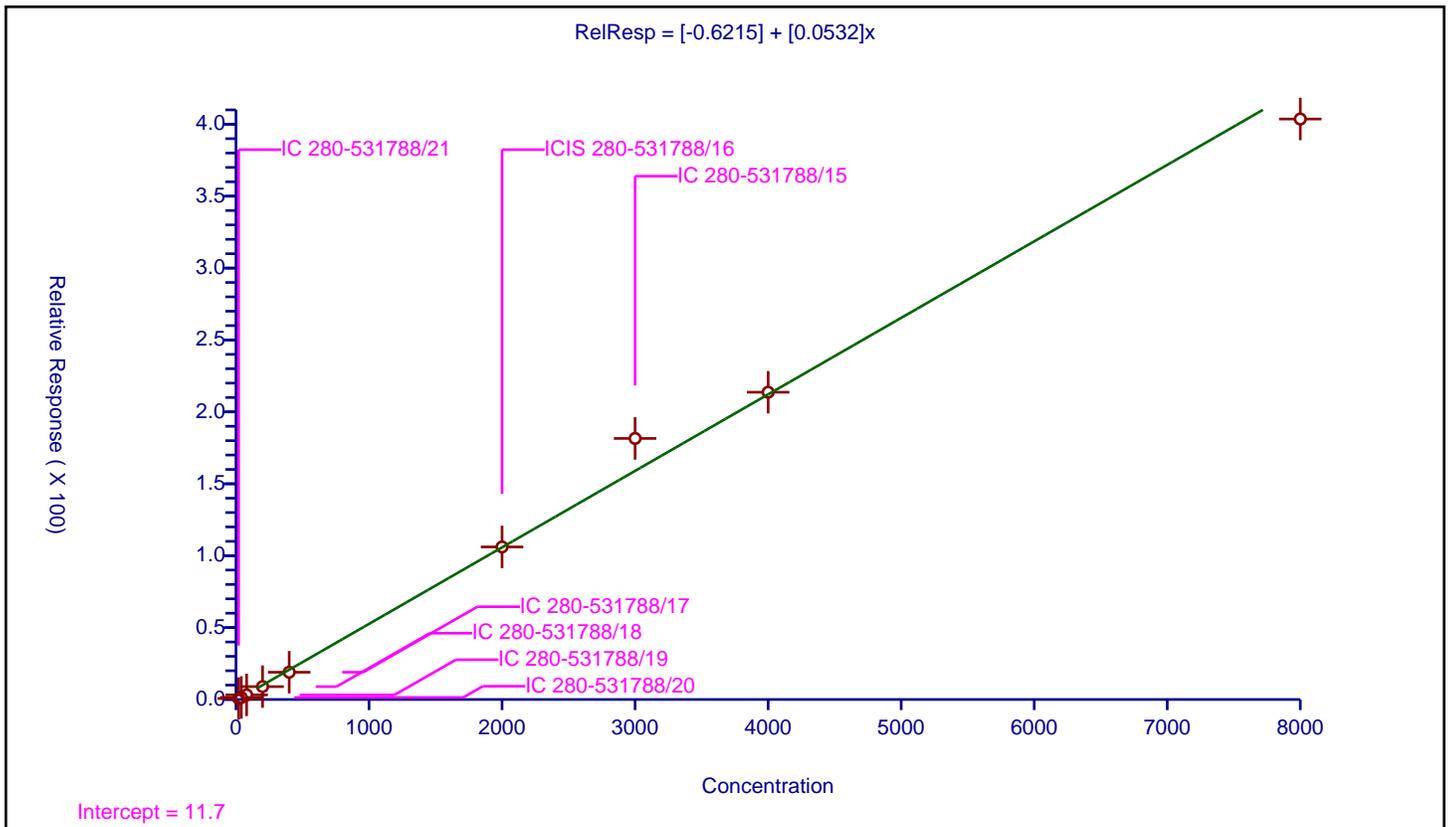
/ Cyclohexanone

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.6215
Slope:	0.0532

Error Coefficients	
Standard Error:	2010000
Relative Standard Error:	11.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	20.0	0.677847	50.0	526446.0	0.033892	Y
2	IC 280-531788/20	40.0	1.415412	50.0	533449.0	0.035385	Y
3	IC 280-531788/19	80.0	3.208237	50.0	524182.0	0.040103	Y
4	IC 280-531788/18	200.0	8.955165	50.0	529873.0	0.044776	Y
5	IC 280-531788/17	400.0	18.964615	50.0	525621.0	0.047412	Y
6	ICIS 280-531788/16	2000.0	106.075843	50.0	539851.0	0.053038	Y
7	IC 280-531788/15	3000.0	181.537324	50.0	538091.0	0.060512	Y
8	IC 280-531788/14	4000.0	213.670317	50.0	518364.0	0.053418	Y
9	IC 280-531788/13	8000.0	403.648399	50.0	528684.0	0.050456	Y



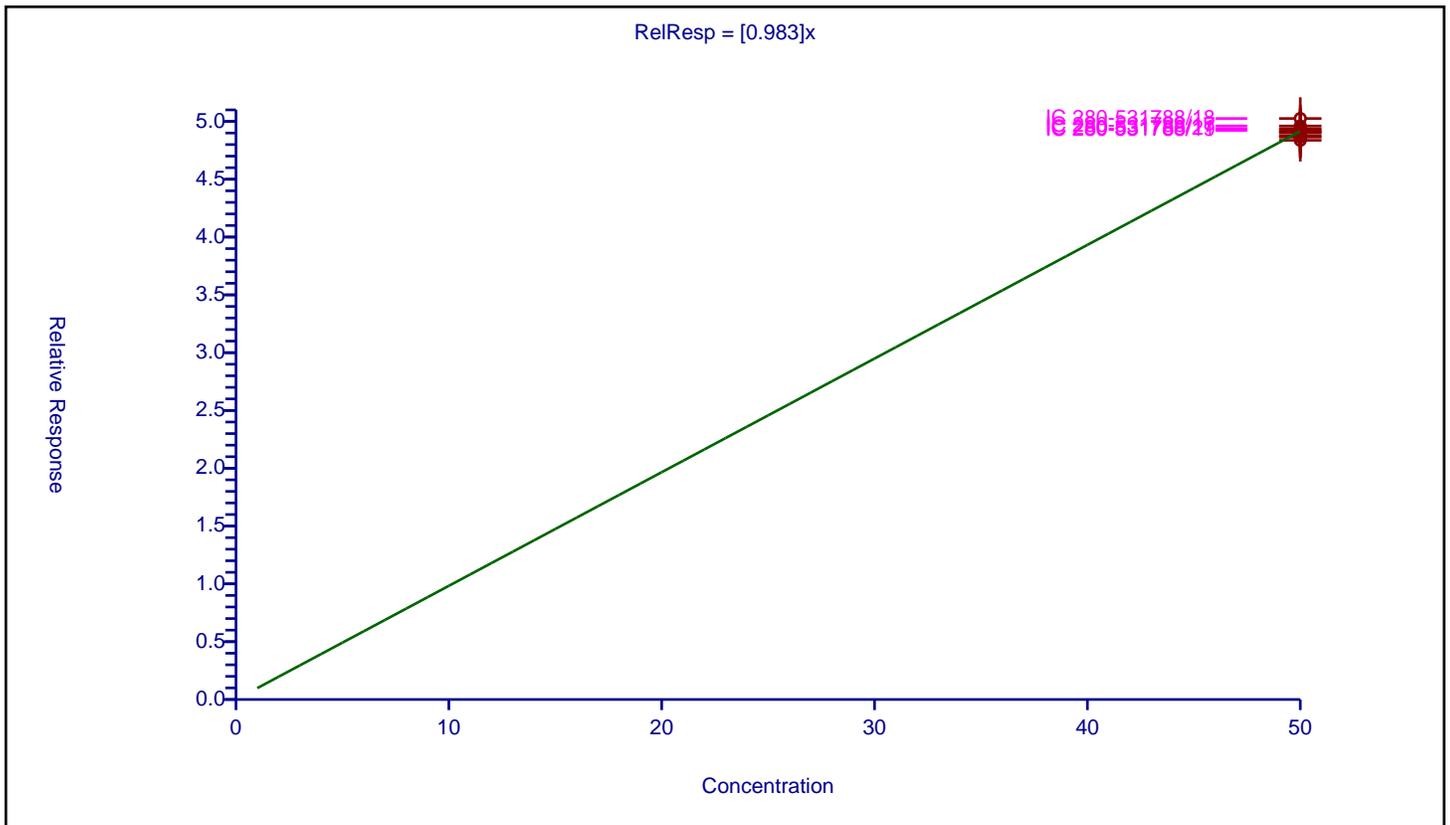
**Calibration**

/ 4-Bromofluorobenzene (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.983
Error Coefficients	
Standard Error:	865000
Relative Standard Error:	1.1
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0.0000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/13	50.0	49.105305	50.0	801390.0	0.982106	Y
2	IC 280-531788/14	50.0	48.369883	50.0	808991.0	0.967398	Y
3	IC 280-531788/15	50.0	48.645747	50.0	836919.0	0.972915	Y
4	ICIS 280-531788/16	50.0	48.767652	50.0	851910.0	0.975353	Y
5	IC 280-531788/17	50.0	49.608194	50.0	831535.0	0.992164	Y
6	IC 280-531788/18	50.0	50.255618	50.0	817236.0	1.005112	Y
7	IC 280-531788/19	50.0	49.226294	50.0	831841.0	0.984526	Y
8	IC 280-531788/20	50.0	49.012577	50.0	855307.0	0.980252	Y
9	IC 280-531788/21	50.0	49.371982	50.0	830868.0	0.98744	Y



**Calibration**

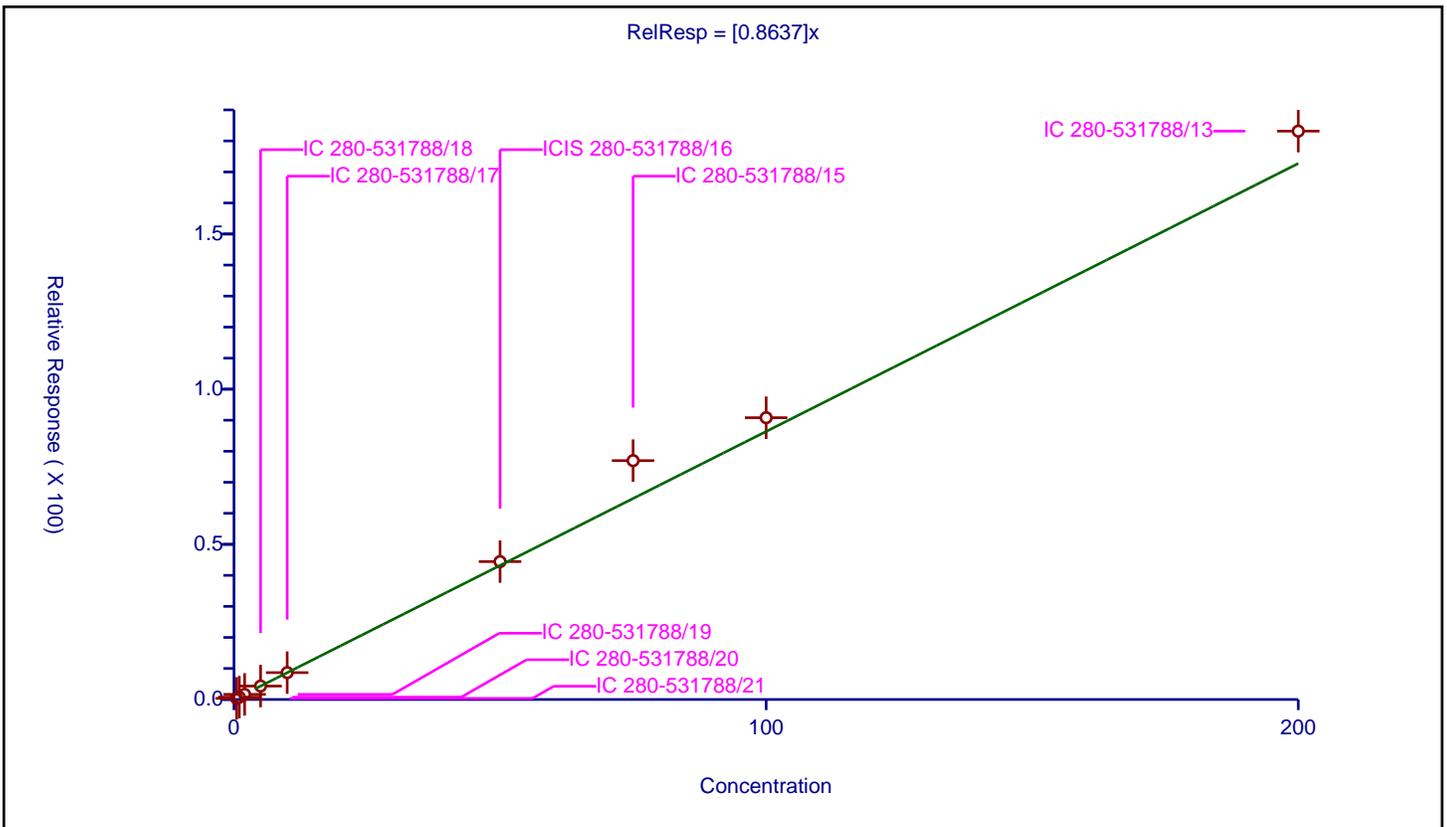
/ 1,1,2,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8637

Error Coefficients	
Standard Error:	1280000
Relative Standard Error:	10.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.36173	50.0	830868.0	0.72346	Y
2	IC 280-531788/20	1.0	0.752011	50.0	855307.0	0.752011	Y
3	IC 280-531788/19	2.0	1.653681	50.0	831841.0	0.826841	Y
4	IC 280-531788/18	5.0	4.330083	50.0	817236.0	0.866017	Y
5	IC 280-531788/17	10.0	8.657062	50.0	831535.0	0.865706	Y
6	ICIS 280-531788/16	50.0	44.437969	50.0	851910.0	0.888759	Y
7	IC 280-531788/15	75.0	76.970113	50.0	836919.0	1.026268	Y
8	IC 280-531788/14	100.0	90.805769	50.0	808991.0	0.908058	Y
9	IC 280-531788/13	200.0	183.152772	50.0	801390.0	0.915764	Y



**Calibration**

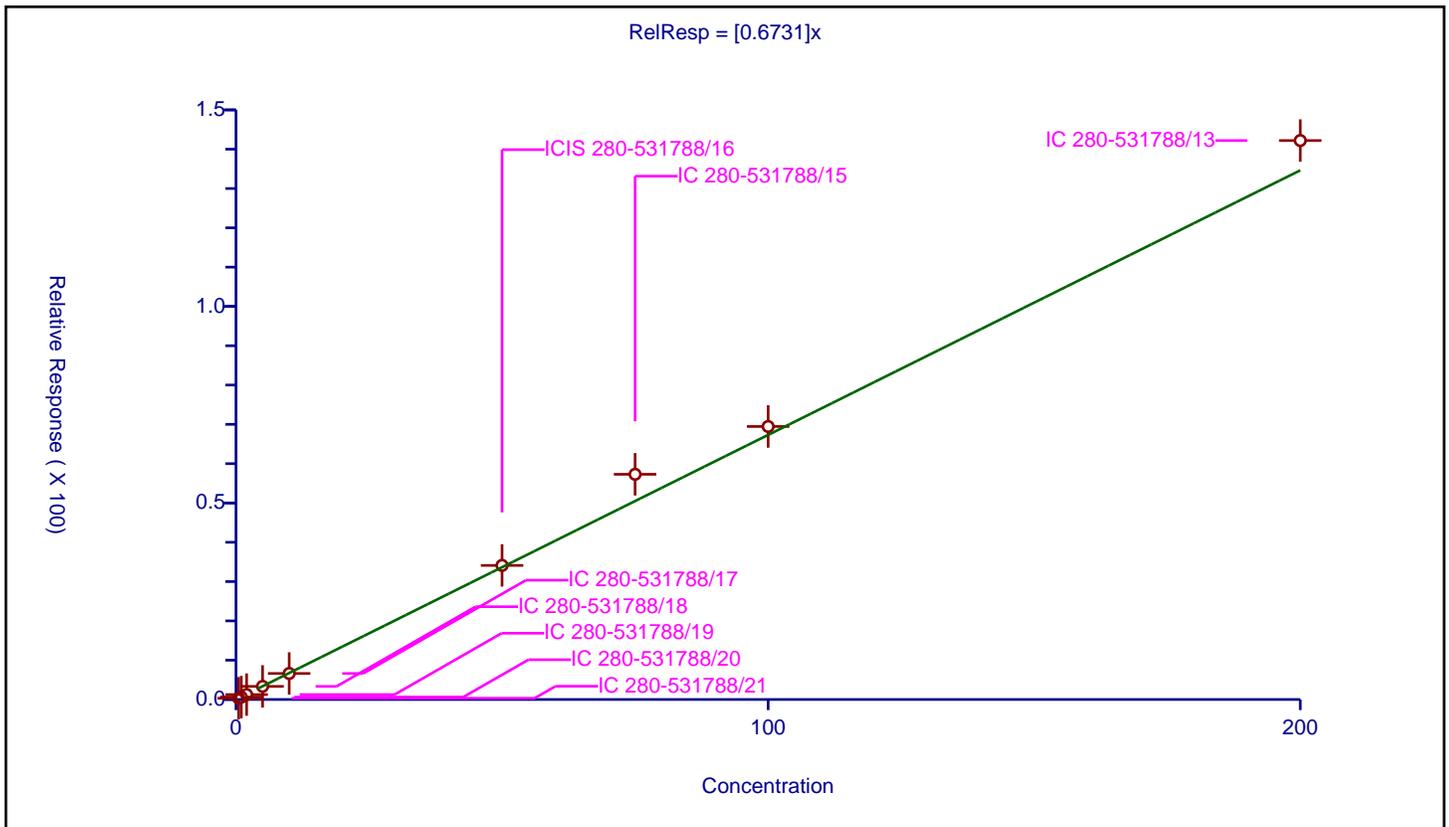
**/ Bromobenzene**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
<b>Intercept:</b>	0
<b>Slope:</b>	0.6731

Error Coefficients	
<b>Standard Error:</b>	983000
<b>Relative Standard Error:</b>	6.9
<b>Correlation Coefficient:</b>	0.998
<b>Coefficient of Determination (Adjusted):</b>	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.317559	50.0	830868.0	0.635119	Y
2	IC 280-531788/20	1.0	0.616504	50.0	855307.0	0.616504	Y
3	IC 280-531788/19	2.0	1.251802	50.0	831841.0	0.625901	Y
4	IC 280-531788/18	5.0	3.3349	50.0	817236.0	0.66698	Y
5	IC 280-531788/17	10.0	6.618002	50.0	831535.0	0.6618	Y
6	ICIS 280-531788/16	50.0	34.108415	50.0	851910.0	0.682168	Y
7	IC 280-531788/15	75.0	57.296286	50.0	836919.0	0.76395	Y
8	IC 280-531788/14	100.0	69.455099	50.0	808991.0	0.694551	Y
9	IC 280-531788/13	200.0	142.203047	50.0	801390.0	0.711015	Y



Calibration

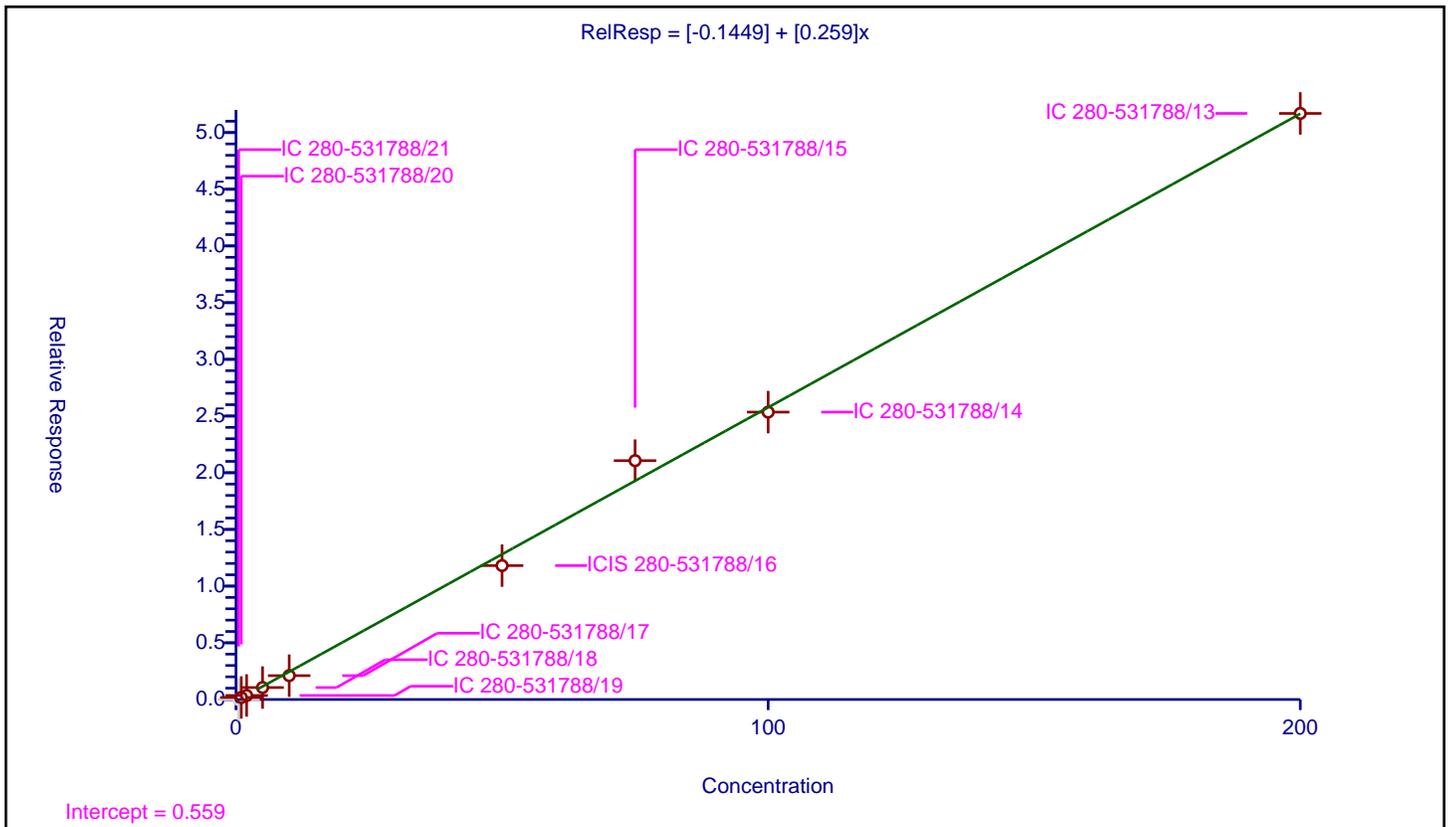
/ trans-1,4-Dichloro-2-butene

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.1449
Slope:	0.259

Error Coefficients	
Standard Error:	412000
Relative Standard Error:	12.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.0	50.0	830868.0	0.0	N
2	IC 280-531788/20	1.0	0.177831	50.0	855307.0	0.177831	Y
3	IC 280-531788/19	2.0	0.353493	50.0	831841.0	0.176747	Y
4	IC 280-531788/18	5.0	1.05349	50.0	817236.0	0.210698	Y
5	IC 280-531788/17	10.0	2.102317	50.0	831535.0	0.210232	Y
6	ICIS 280-531788/16	50.0	11.809111	50.0	851910.0	0.236182	Y
7	IC 280-531788/15	75.0	21.063687	50.0	836919.0	0.280849	Y
8	IC 280-531788/14	100.0	25.345585	50.0	808991.0	0.253456	Y
9	IC 280-531788/13	200.0	51.687817	50.0	801390.0	0.258439	Y



Calibration

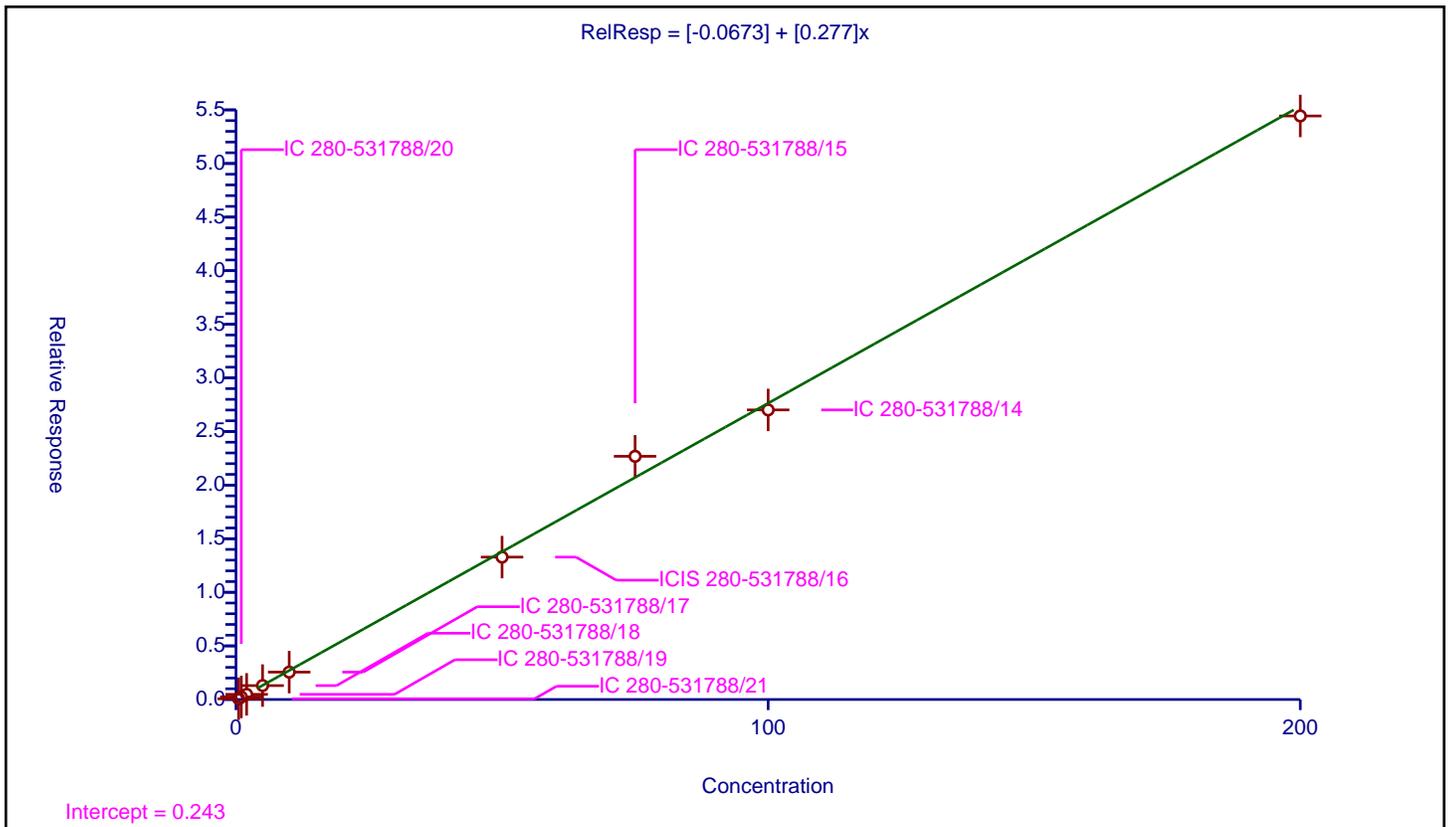
/ 1,2,3-Trichloropropane

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.0673
Slope:	0.277

Error Coefficients	
Standard Error:	405000
Relative Standard Error:	6.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.064872	50.0	830868.0	0.129744	Y
2	IC 280-531788/20	1.0	0.238686	50.0	855307.0	0.238686	Y
3	IC 280-531788/19	2.0	0.481643	50.0	831841.0	0.240821	Y
4	IC 280-531788/18	5.0	1.29681	50.0	817236.0	0.259362	Y
5	IC 280-531788/17	10.0	2.55335	50.0	831535.0	0.255335	Y
6	ICIS 280-531788/16	50.0	13.28233	50.0	851910.0	0.265647	Y
7	IC 280-531788/15	75.0	22.683736	50.0	836919.0	0.30245	Y
8	IC 280-531788/14	100.0	27.014268	50.0	808991.0	0.270143	Y
9	IC 280-531788/13	200.0	54.43442	50.0	801390.0	0.272172	Y



**Calibration**

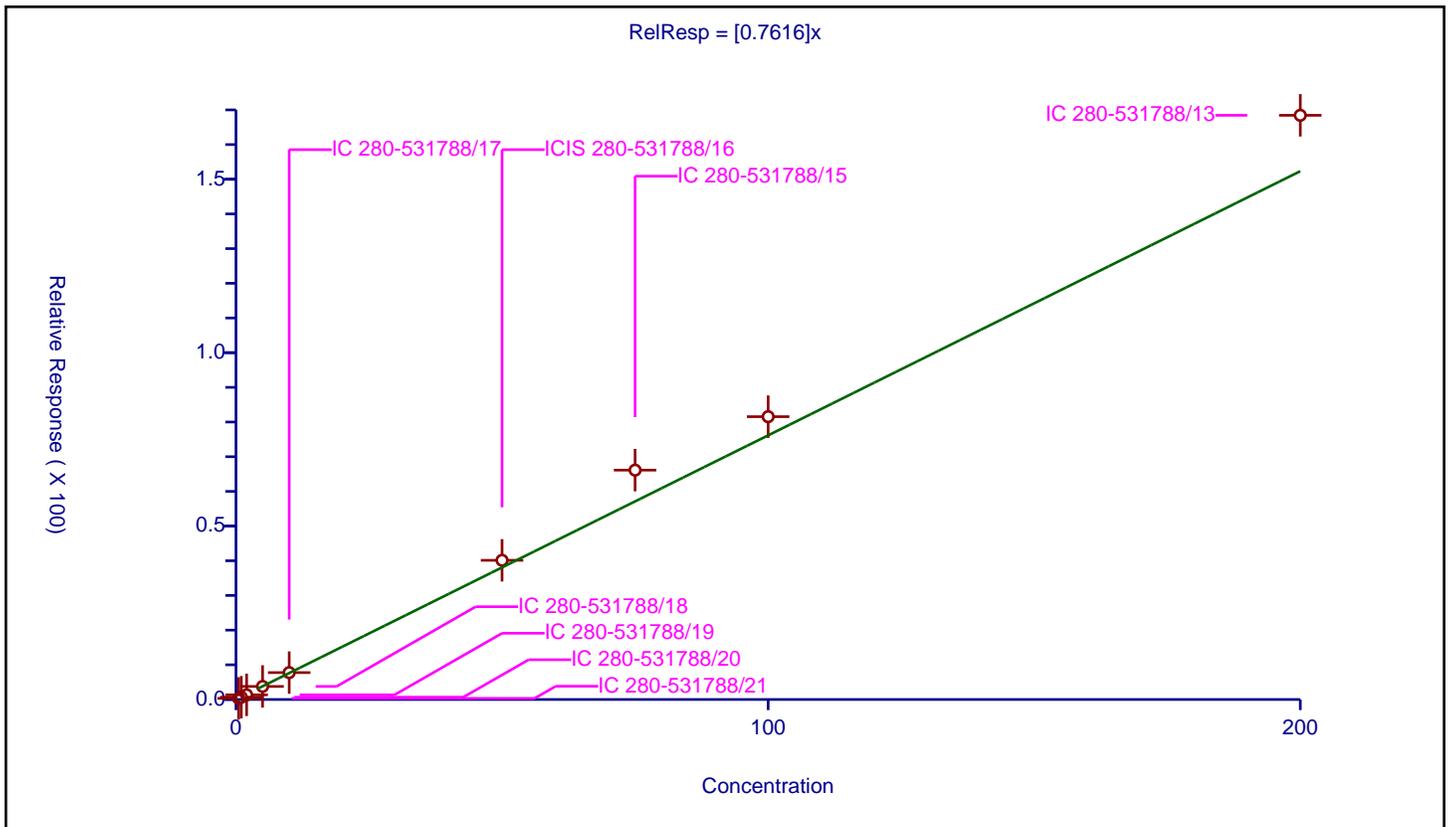
**/ N-Propylbenzene**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7616

Error Coefficients	
Standard Error:	1160000
Relative Standard Error:	11.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.324781	50.0	830868.0	0.649562	Y
2	IC 280-531788/20	1.0	0.663212	50.0	855307.0	0.663212	Y
3	IC 280-531788/19	2.0	1.341362	50.0	831841.0	0.670681	Y
4	IC 280-531788/18	5.0	3.765191	50.0	817236.0	0.753038	Y
5	IC 280-531788/17	10.0	7.757581	50.0	831535.0	0.775758	Y
6	ICIS 280-531788/16	50.0	40.131763	50.0	851910.0	0.802635	Y
7	IC 280-531788/15	75.0	66.13143	50.0	836919.0	0.881752	Y
8	IC 280-531788/14	100.0	81.543614	50.0	808991.0	0.815436	Y
9	IC 280-531788/13	200.0	168.439711	50.0	801390.0	0.842199	Y



**Calibration**

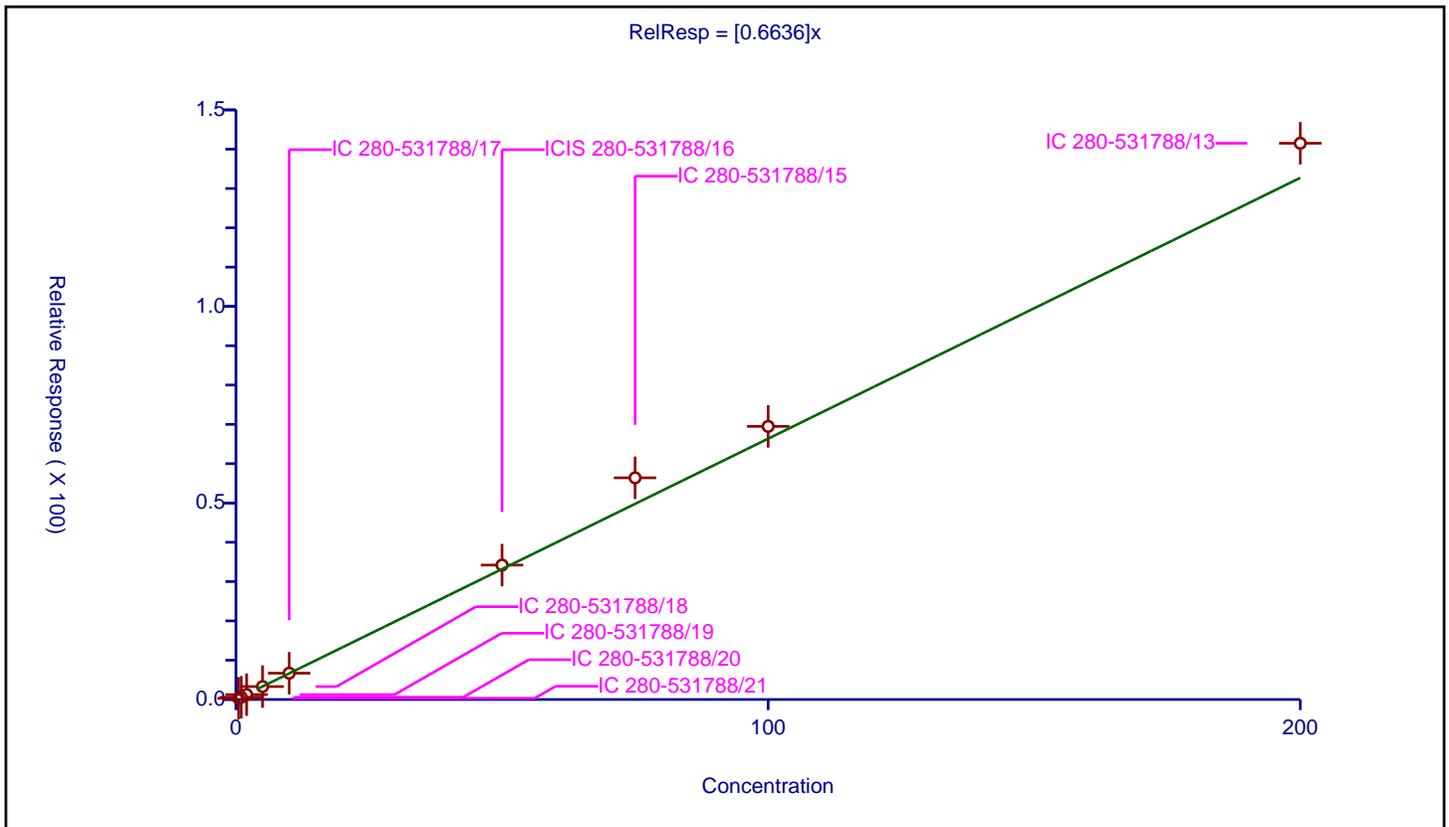
**/ 2-Chlorotoluene**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6636

Error Coefficients	
Standard Error:	978000
Relative Standard Error:	8.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.304441	50.0	830868.0	0.608881	Y
2	IC 280-531788/20	1.0	0.576109	50.0	855307.0	0.576109	Y
3	IC 280-531788/19	2.0	1.243086	50.0	831841.0	0.621543	Y
4	IC 280-531788/18	5.0	3.289503	50.0	817236.0	0.657901	Y
5	IC 280-531788/17	10.0	6.693825	50.0	831535.0	0.669383	Y
6	ICIS 280-531788/16	50.0	34.198155	50.0	851910.0	0.683963	Y
7	IC 280-531788/15	75.0	56.398767	50.0	836919.0	0.751984	Y
8	IC 280-531788/14	100.0	69.475248	50.0	808991.0	0.694752	Y
9	IC 280-531788/13	200.0	141.512996	50.0	801390.0	0.707565	Y



**Calibration**

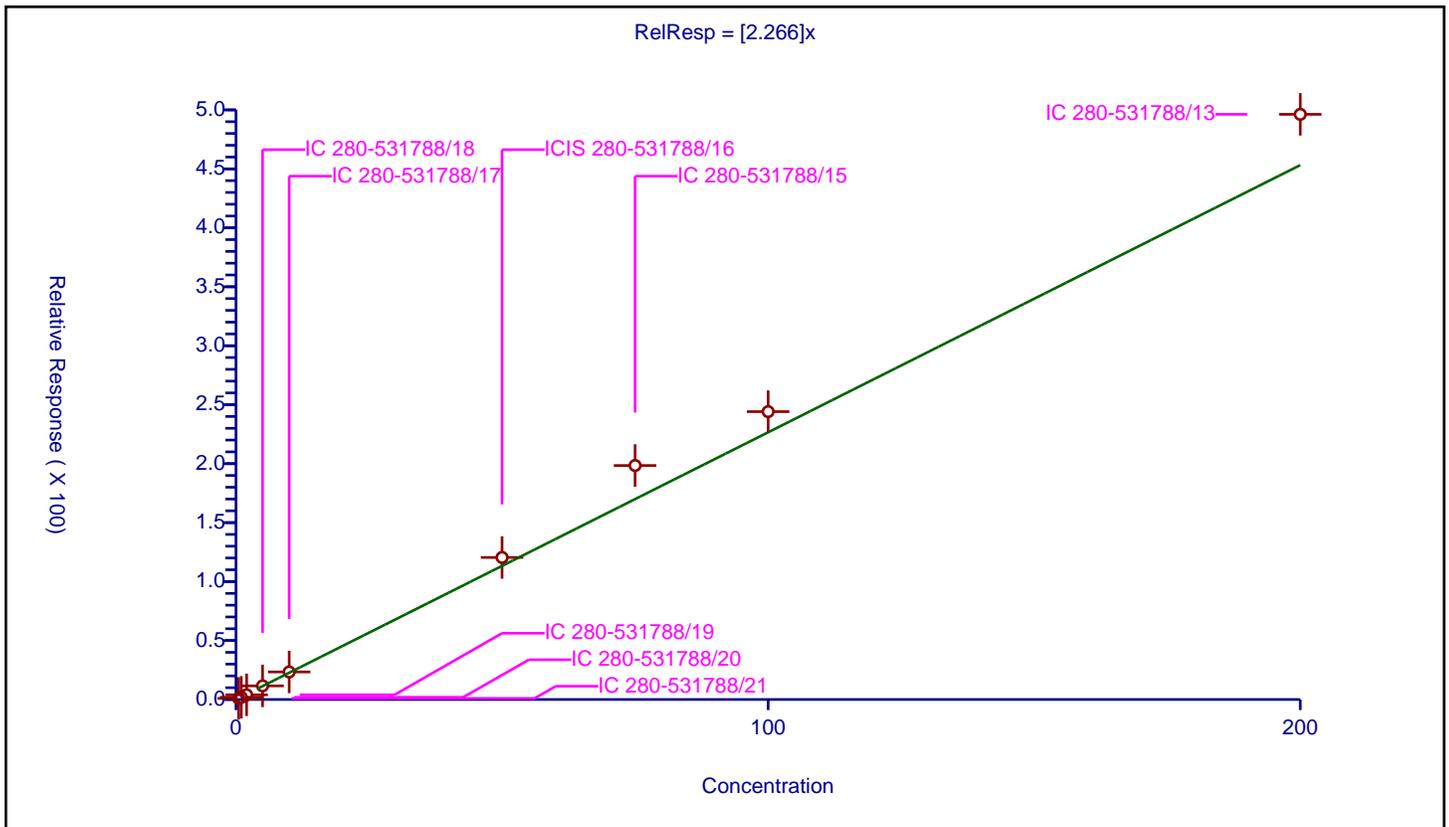
/ 1,3,5-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.266

Error Coefficients	
Standard Error:	3430000
Relative Standard Error:	12.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.960923	50.0	830868.0	1.921846	Y
2	IC 280-531788/20	1.0	1.869913	50.0	855307.0	1.869913	Y
3	IC 280-531788/19	2.0	3.958148	50.0	831841.0	1.979074	Y
4	IC 280-531788/18	5.0	11.535958	50.0	817236.0	2.307192	Y
5	IC 280-531788/17	10.0	23.374963	50.0	831535.0	2.337496	Y
6	ICIS 280-531788/16	50.0	120.442535	50.0	851910.0	2.408851	Y
7	IC 280-531788/15	75.0	198.428343	50.0	836919.0	2.645711	Y
8	IC 280-531788/14	100.0	244.118847	50.0	808991.0	2.441188	Y
9	IC 280-531788/13	200.0	496.235541	50.0	801390.0	2.481178	Y



**Calibration**

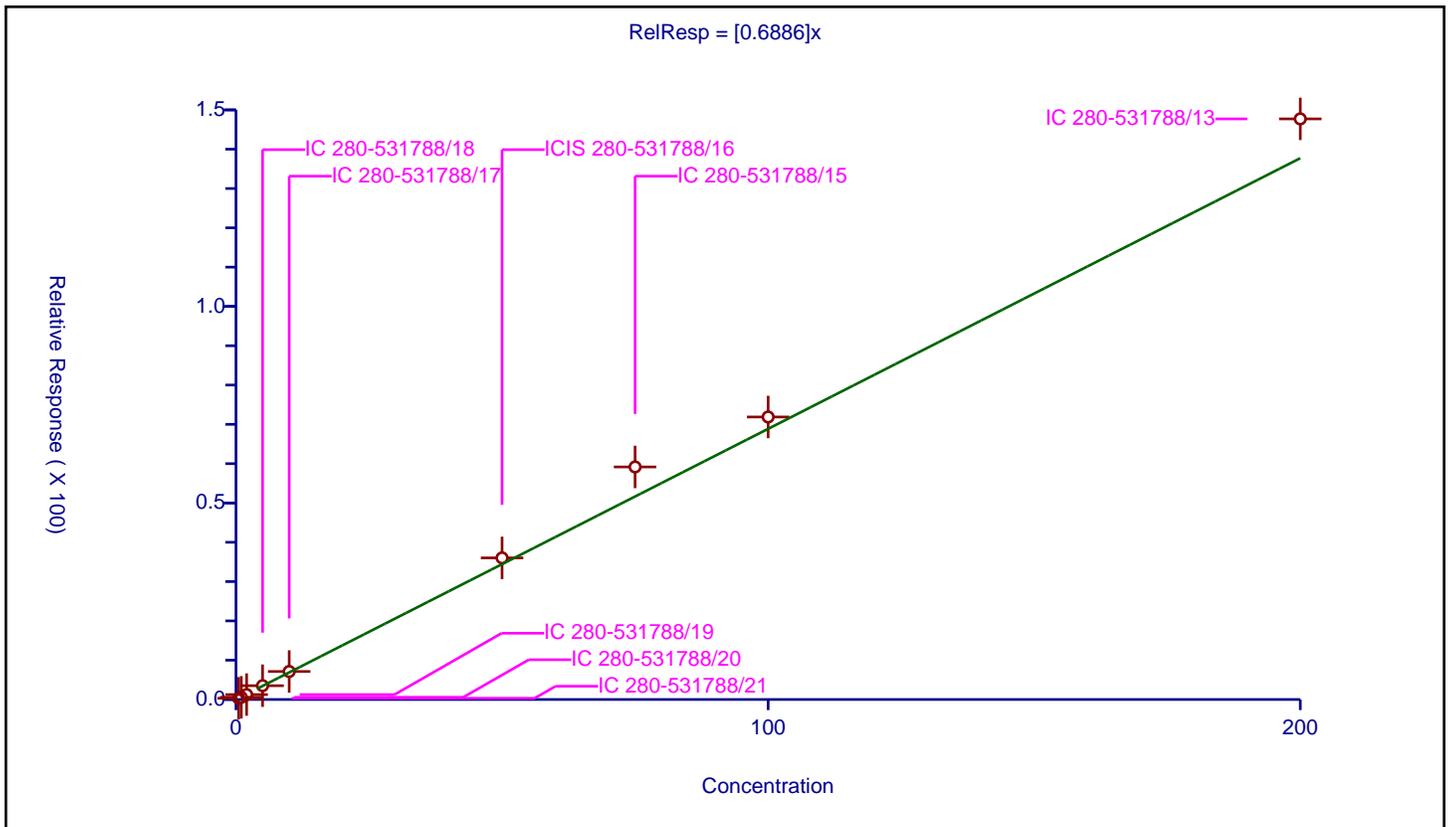
**/ 4-Chlorotoluene**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6886

Error Coefficients	
Standard Error:	1020000
Relative Standard Error:	10.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.31106	50.0	830868.0	0.62212	Y
2	IC 280-531788/20	1.0	0.565528	50.0	855307.0	0.565528	Y
3	IC 280-531788/19	2.0	1.254386	50.0	831841.0	0.627193	Y
4	IC 280-531788/18	5.0	3.513734	50.0	817236.0	0.702747	Y
5	IC 280-531788/17	10.0	7.128804	50.0	831535.0	0.71288	Y
6	ICIS 280-531788/16	50.0	36.023641	50.0	851910.0	0.720473	Y
7	IC 280-531788/15	75.0	59.159907	50.0	836919.0	0.788799	Y
8	IC 280-531788/14	100.0	71.874965	50.0	808991.0	0.71875	Y
9	IC 280-531788/13	200.0	147.712724	50.0	801390.0	0.738564	Y



Calibration

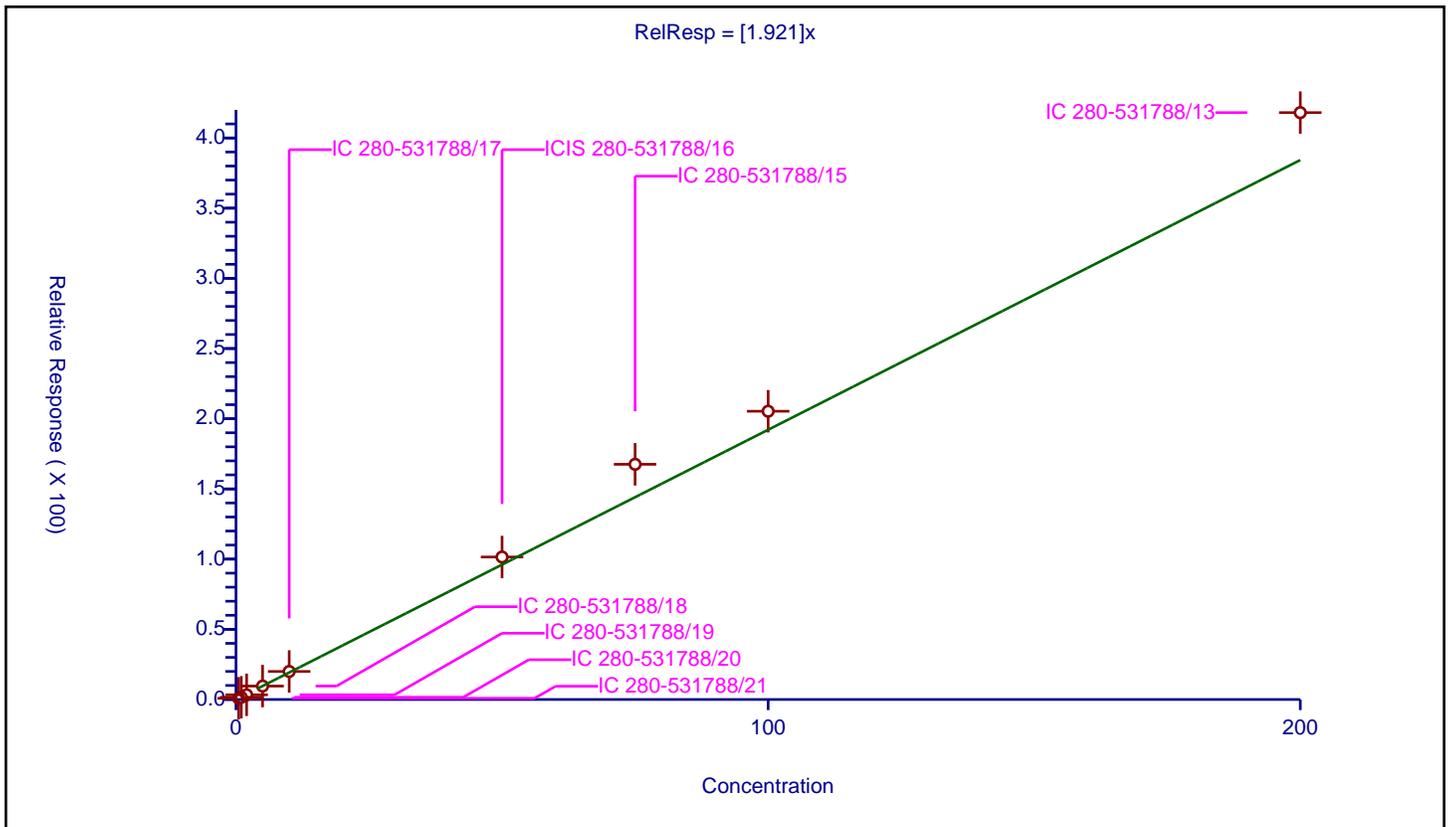
/ tert-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.921

Error Coefficients	
Standard Error:	2890000
Relative Standard Error:	11.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.865119	50.0	830868.0	1.730239	Y
2	IC 280-531788/20	1.0	1.577621	50.0	855307.0	1.577621	Y
3	IC 280-531788/19	2.0	3.334351	50.0	831841.0	1.667176	Y
4	IC 280-531788/18	5.0	9.557643	50.0	817236.0	1.911529	Y
5	IC 280-531788/17	10.0	19.97697	50.0	831535.0	1.997697	Y
6	ICIS 280-531788/16	50.0	101.492822	50.0	851910.0	2.029856	Y
7	IC 280-531788/15	75.0	167.545246	50.0	836919.0	2.233937	Y
8	IC 280-531788/14	100.0	205.33912	50.0	808991.0	2.053391	Y
9	IC 280-531788/13	200.0	418.052322	50.0	801390.0	2.090262	Y



**Calibration**

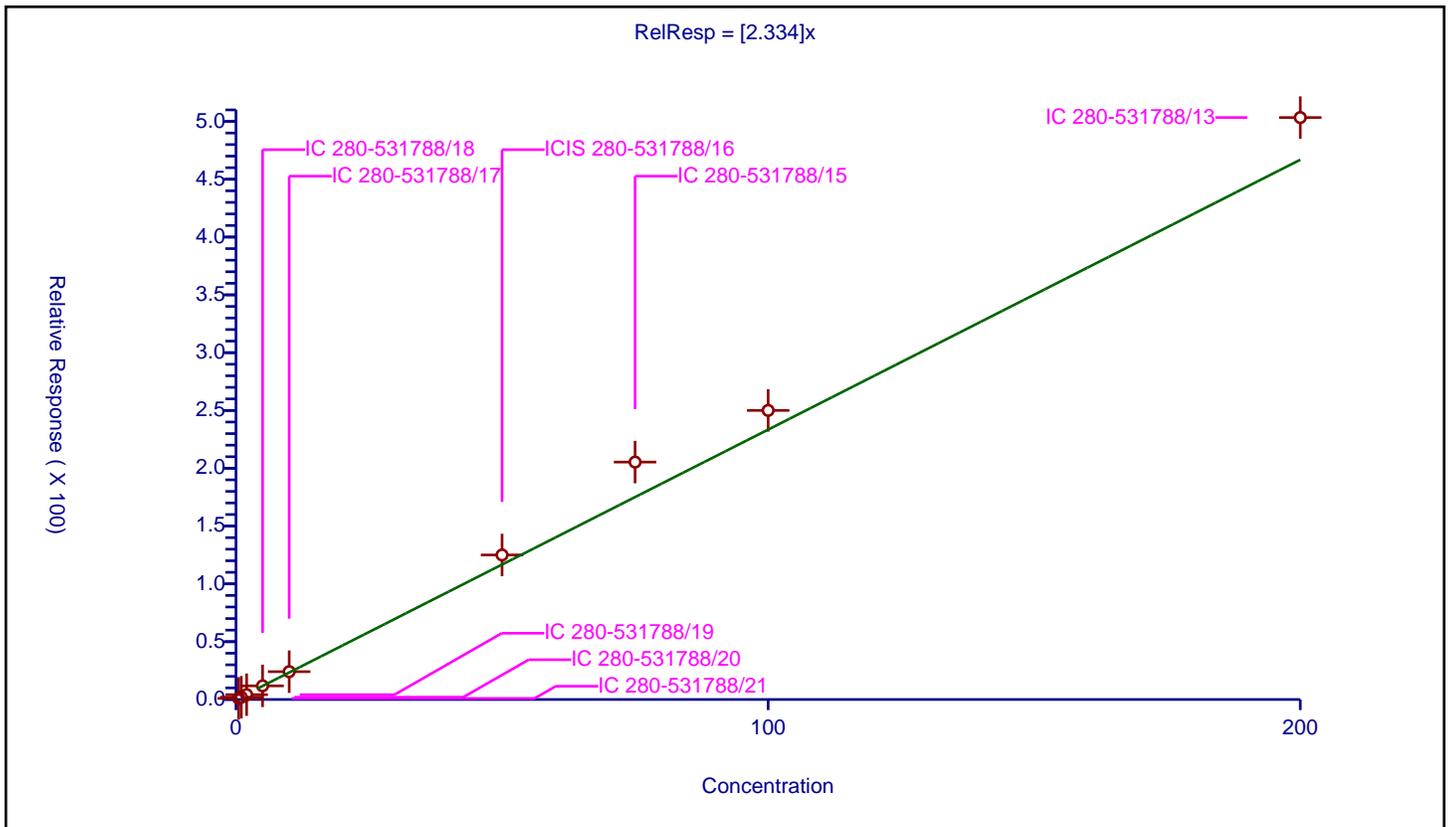
/ 1,2,4-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.334

Error Coefficients	
Standard Error:	3500000
Relative Standard Error:	11.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.958094	50.0	830868.0	1.916189	Y
2	IC 280-531788/20	1.0	1.97397	50.0	855307.0	1.97397	Y
3	IC 280-531788/19	2.0	4.191246	50.0	831841.0	2.095623	Y
4	IC 280-531788/18	5.0	11.800998	50.0	817236.0	2.3602	Y
5	IC 280-531788/17	10.0	24.078782	50.0	831535.0	2.407878	Y
6	ICIS 280-531788/16	50.0	125.009684	50.0	851910.0	2.500194	Y
7	IC 280-531788/15	75.0	205.364796	50.0	836919.0	2.738197	Y
8	IC 280-531788/14	100.0	250.053709	50.0	808991.0	2.500537	Y
9	IC 280-531788/13	200.0	503.365777	50.0	801390.0	2.516829	Y



**Calibration**

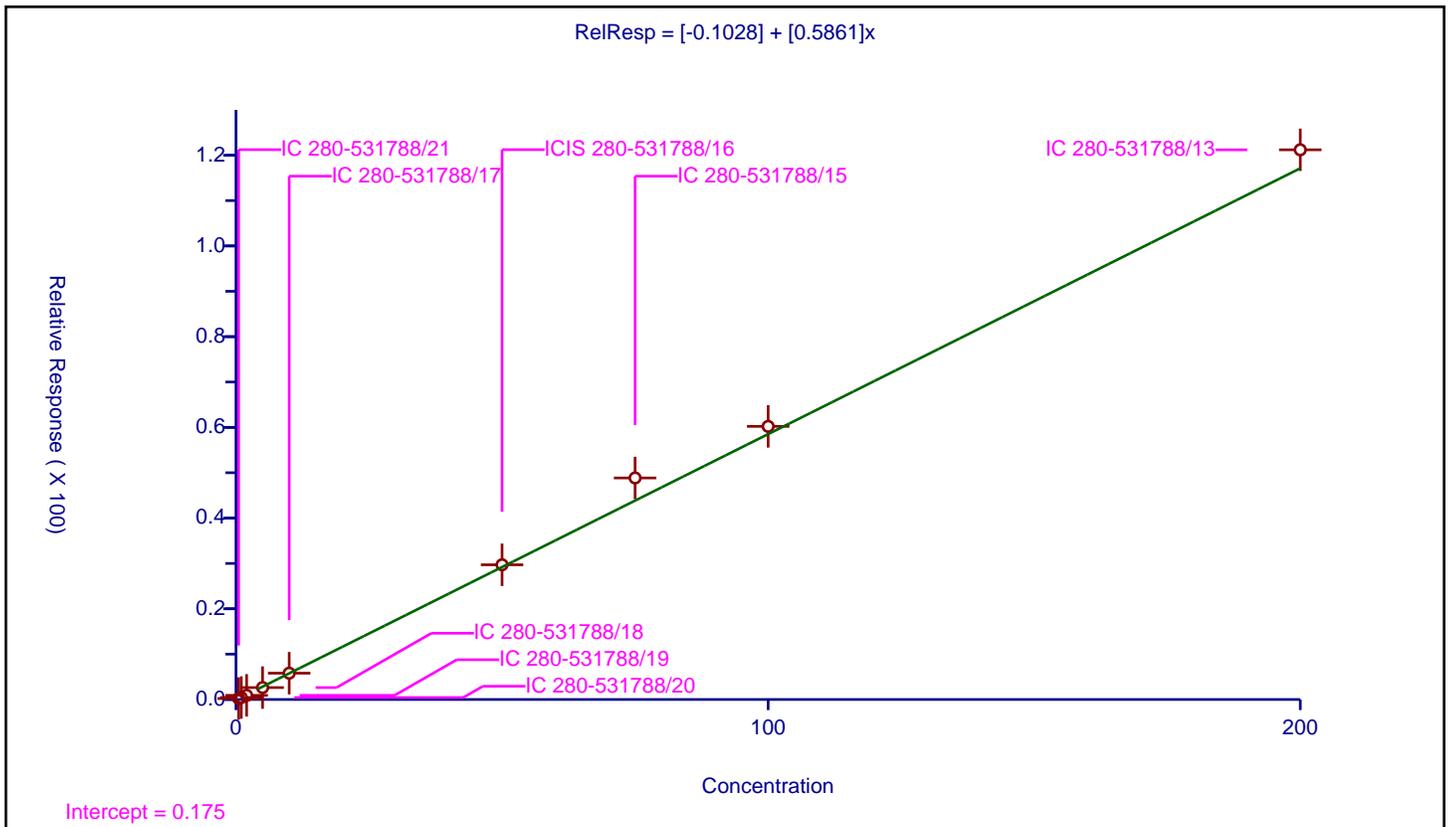
/ sec-Butylbenzene

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.1028
Slope:	0.5861

Error Coefficients	
Standard Error:	899000
Relative Standard Error:	8.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.213211	50.0	830868.0	0.426422	Y
2	IC 280-531788/20	1.0	0.436685	50.0	855307.0	0.436685	Y
3	IC 280-531788/19	2.0	0.913937	50.0	831841.0	0.456968	Y
4	IC 280-531788/18	5.0	2.629167	50.0	817236.0	0.525833	Y
5	IC 280-531788/17	10.0	5.801199	50.0	831535.0	0.58012	Y
6	ICIS 280-531788/16	50.0	29.703431	50.0	851910.0	0.594069	Y
7	IC 280-531788/15	75.0	48.848694	50.0	836919.0	0.651316	Y
8	IC 280-531788/14	100.0	60.216492	50.0	808991.0	0.602165	Y
9	IC 280-531788/13	200.0	121.199915	50.0	801390.0	0.606	Y



**Calibration**

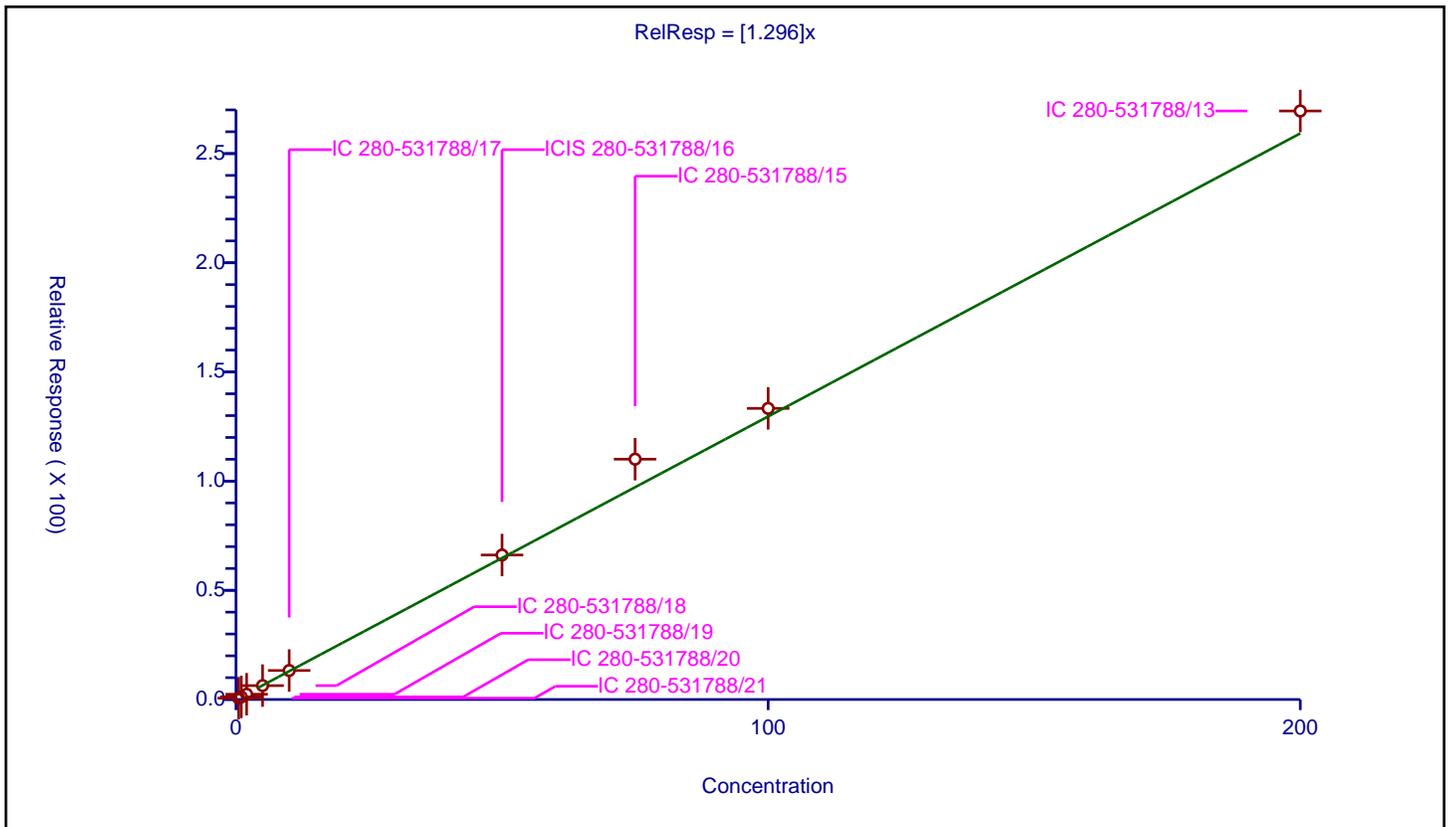
**/ 1,3-Dichlorobenzene**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.296

Error Coefficients	
Standard Error:	1870000
Relative Standard Error:	6.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.605331	50.0	830868.0	1.210662	Y
2	IC 280-531788/20	1.0	1.18057	50.0	855307.0	1.18057	Y
3	IC 280-531788/19	2.0	2.411098	50.0	831841.0	1.205549	Y
4	IC 280-531788/18	5.0	6.350614	50.0	817236.0	1.270123	Y
5	IC 280-531788/17	10.0	13.272081	50.0	831535.0	1.327208	Y
6	ICIS 280-531788/16	50.0	66.165381	50.0	851910.0	1.323308	Y
7	IC 280-531788/15	75.0	110.052825	50.0	836919.0	1.467371	Y
8	IC 280-531788/14	100.0	133.302534	50.0	808991.0	1.333025	Y
9	IC 280-531788/13	200.0	269.508042	50.0	801390.0	1.34754	Y



Calibration

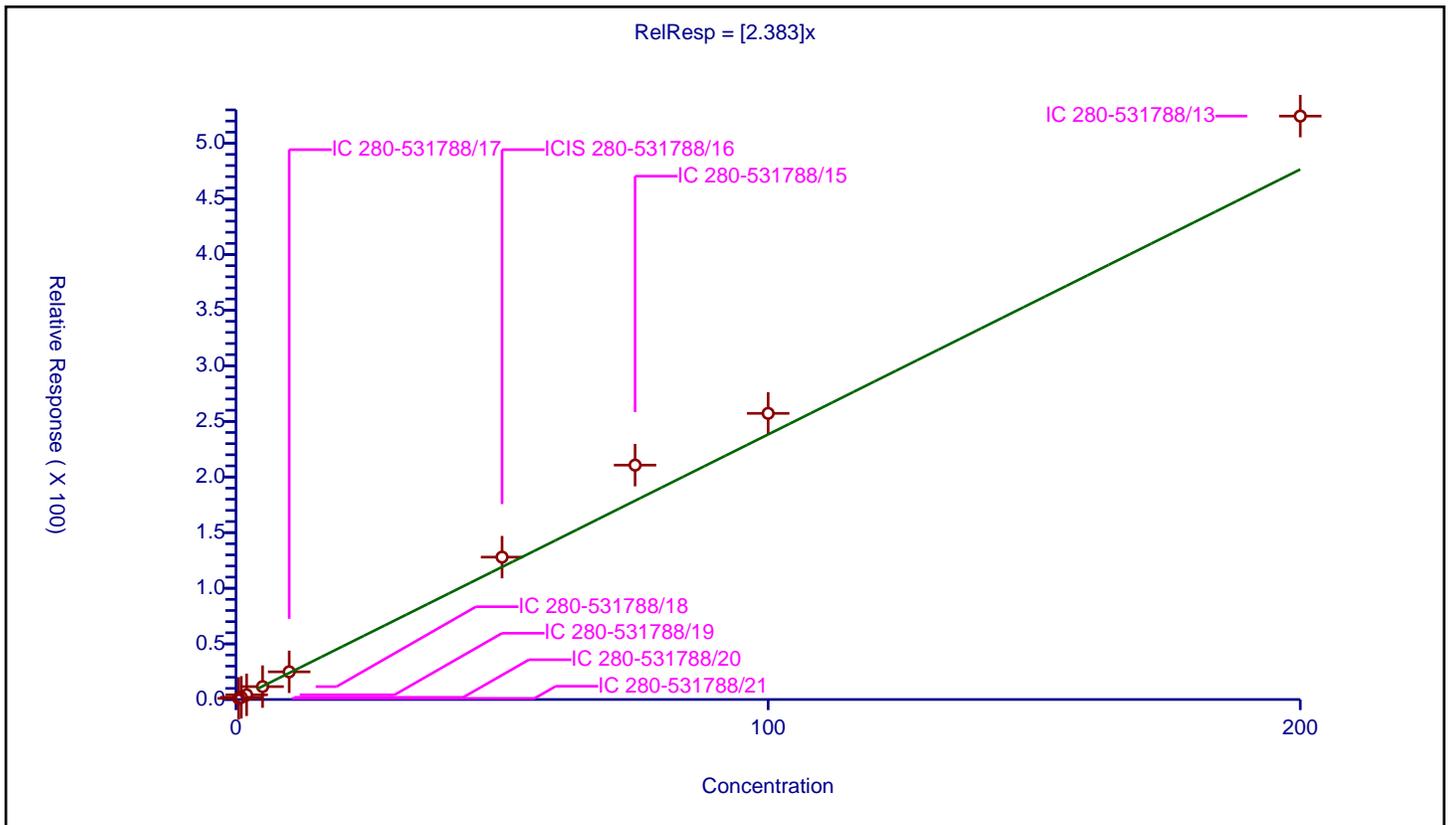
/ 4-Isopropyltoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.383

Error Coefficients	
Standard Error:	3630000
Relative Standard Error:	12.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	1.016768	50.0	830868.0	2.033536	Y
2	IC 280-531788/20	1.0	1.937141	50.0	855307.0	1.937141	Y
3	IC 280-531788/19	2.0	4.214447	50.0	831841.0	2.107224	Y
4	IC 280-531788/18	5.0	11.569914	50.0	817236.0	2.313983	Y
5	IC 280-531788/17	10.0	24.879049	50.0	831535.0	2.487905	Y
6	ICIS 280-531788/16	50.0	127.985644	50.0	851910.0	2.559713	Y
7	IC 280-531788/15	75.0	210.692851	50.0	836919.0	2.809238	Y
8	IC 280-531788/14	100.0	257.205025	50.0	808991.0	2.57205	Y
9	IC 280-531788/13	200.0	524.411647	50.0	801390.0	2.622058	Y



Calibration

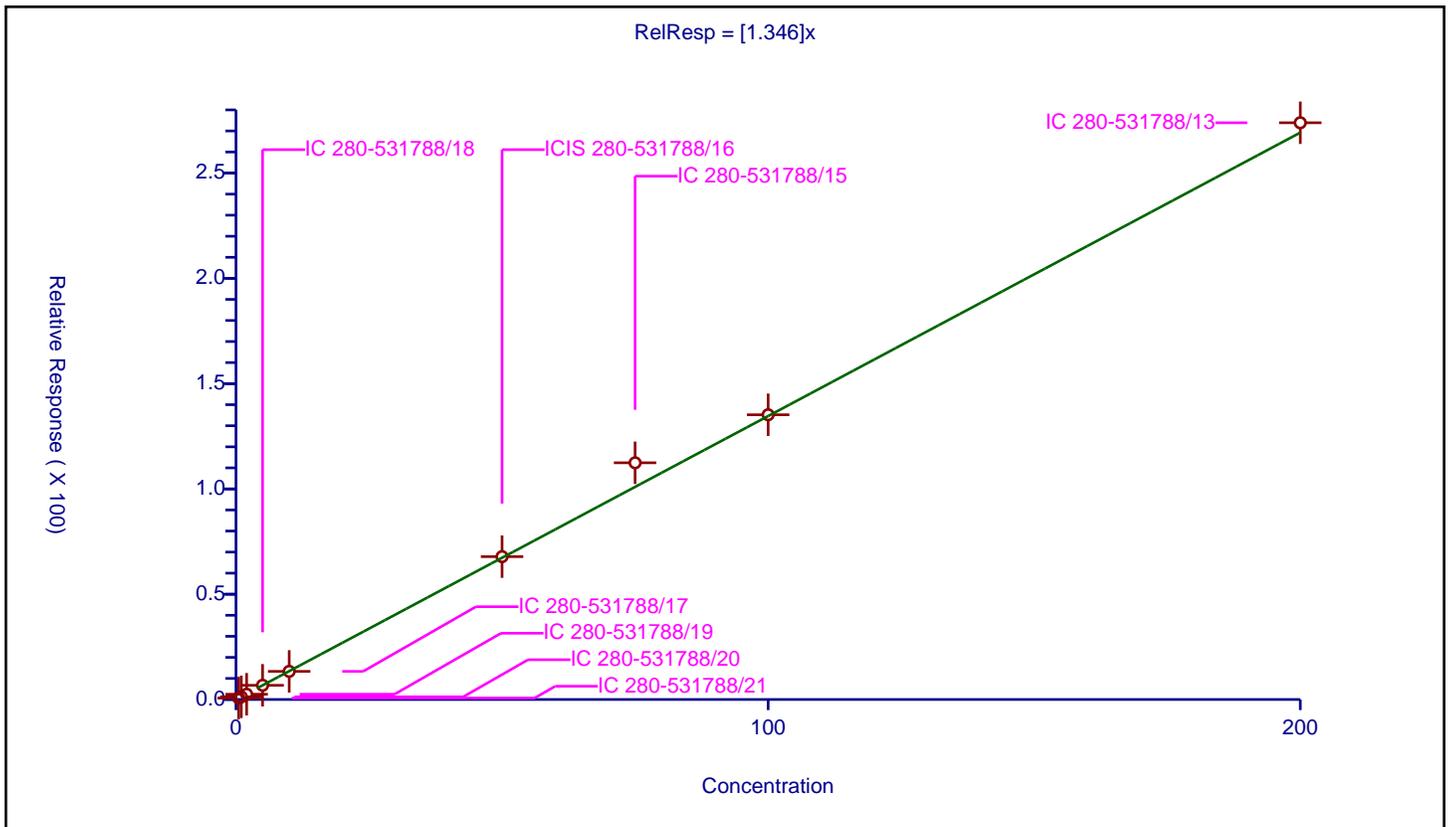
/ 1,4-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.346

Error Coefficients	
Standard Error:	1900000
Relative Standard Error:	5.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.667796	50.0	830868.0	1.335591	Y
2	IC 280-531788/20	1.0	1.263698	50.0	855307.0	1.263698	Y
3	IC 280-531788/19	2.0	2.505467	50.0	831841.0	1.252733	Y
4	IC 280-531788/18	5.0	6.748173	50.0	817236.0	1.349635	Y
5	IC 280-531788/17	10.0	13.357946	50.0	831535.0	1.335795	Y
6	ICIS 280-531788/16	50.0	67.836509	50.0	851910.0	1.35673	Y
7	IC 280-531788/15	75.0	112.412671	50.0	836919.0	1.498836	Y
8	IC 280-531788/14	100.0	135.214174	50.0	808991.0	1.352142	Y
9	IC 280-531788/13	200.0	273.896542	50.0	801390.0	1.369483	Y



Calibration

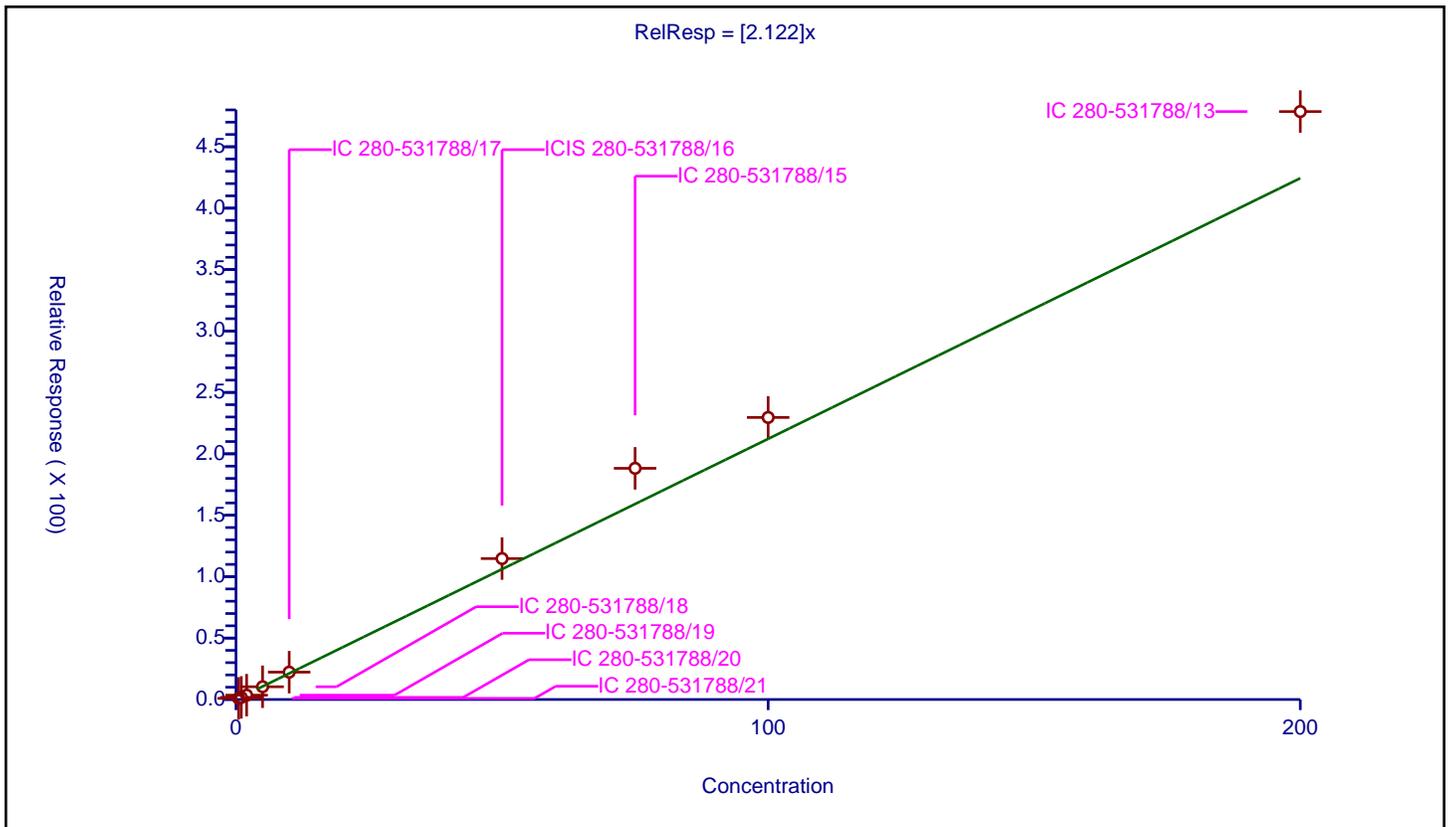
/ n-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.122

Error Coefficients	
Standard Error:	3290000
Relative Standard Error:	13.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.911035	50.0	830868.0	1.82207	Y
2	IC 280-531788/20	1.0	1.715758	50.0	855307.0	1.715758	Y
3	IC 280-531788/19	2.0	3.53451	50.0	831841.0	1.767255	Y
4	IC 280-531788/18	5.0	10.367446	50.0	817236.0	2.073489	Y
5	IC 280-531788/17	10.0	22.257752	50.0	831535.0	2.225775	Y
6	ICIS 280-531788/16	50.0	114.713467	50.0	851910.0	2.294269	Y
7	IC 280-531788/15	75.0	188.197962	50.0	836919.0	2.509306	Y
8	IC 280-531788/14	100.0	229.604408	50.0	808991.0	2.296044	Y
9	IC 280-531788/13	200.0	478.643732	50.0	801390.0	2.393219	Y



**Calibration**

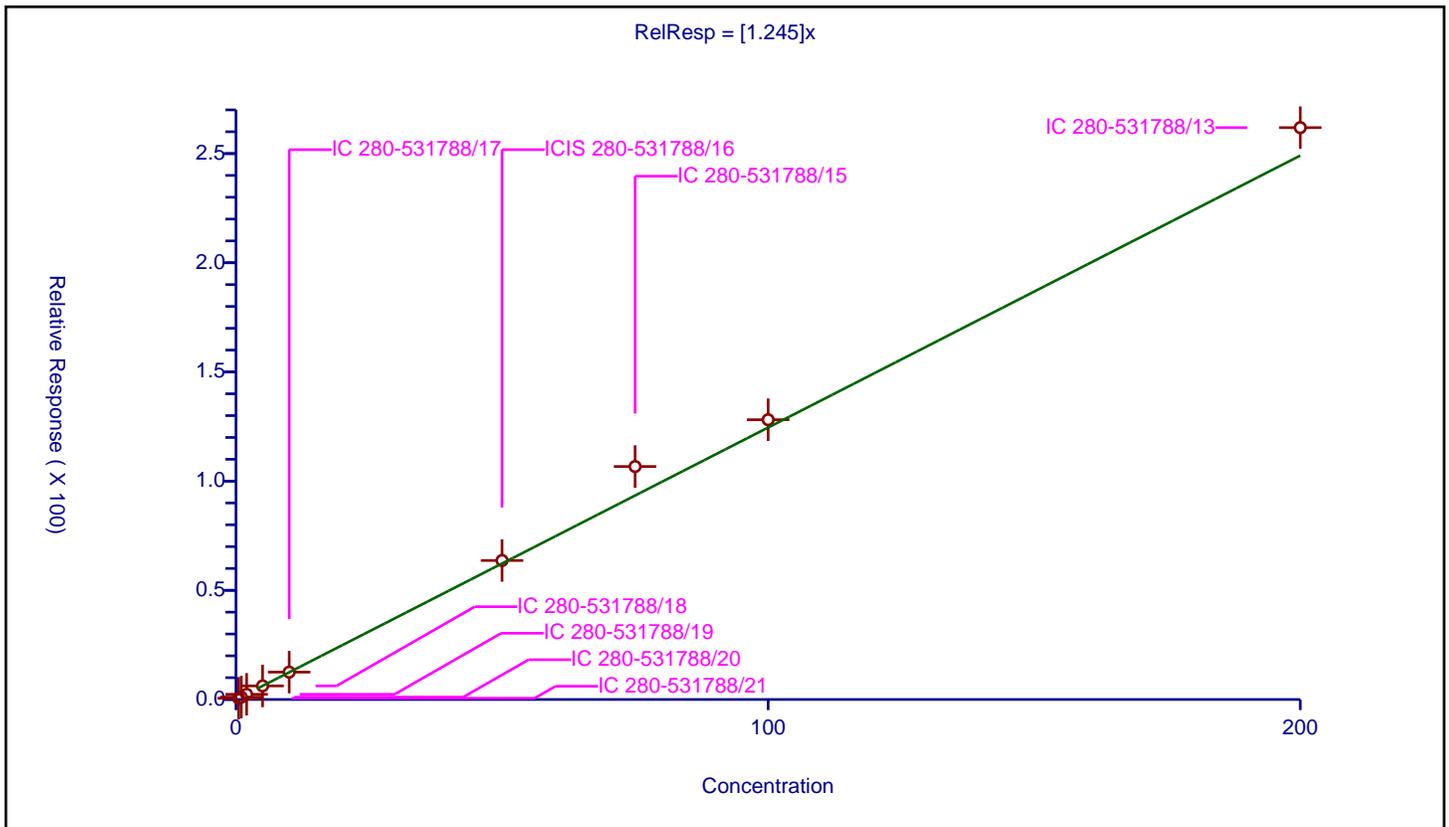
/ 1,2-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.245

Error Coefficients	
Standard Error:	1810000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.574159	50.0	830868.0	1.148317	Y
2	IC 280-531788/20	1.0	1.09031	50.0	855307.0	1.09031	Y
3	IC 280-531788/19	2.0	2.372569	50.0	831841.0	1.186284	Y
4	IC 280-531788/18	5.0	6.217298	50.0	817236.0	1.24346	Y
5	IC 280-531788/17	10.0	12.540122	50.0	831535.0	1.254012	Y
6	ICIS 280-531788/16	50.0	63.659776	50.0	851910.0	1.273196	Y
7	IC 280-531788/15	75.0	106.68177	50.0	836919.0	1.422424	Y
8	IC 280-531788/14	100.0	128.114837	50.0	808991.0	1.281148	Y
9	IC 280-531788/13	200.0	261.880233	50.0	801390.0	1.309401	Y



Calibration

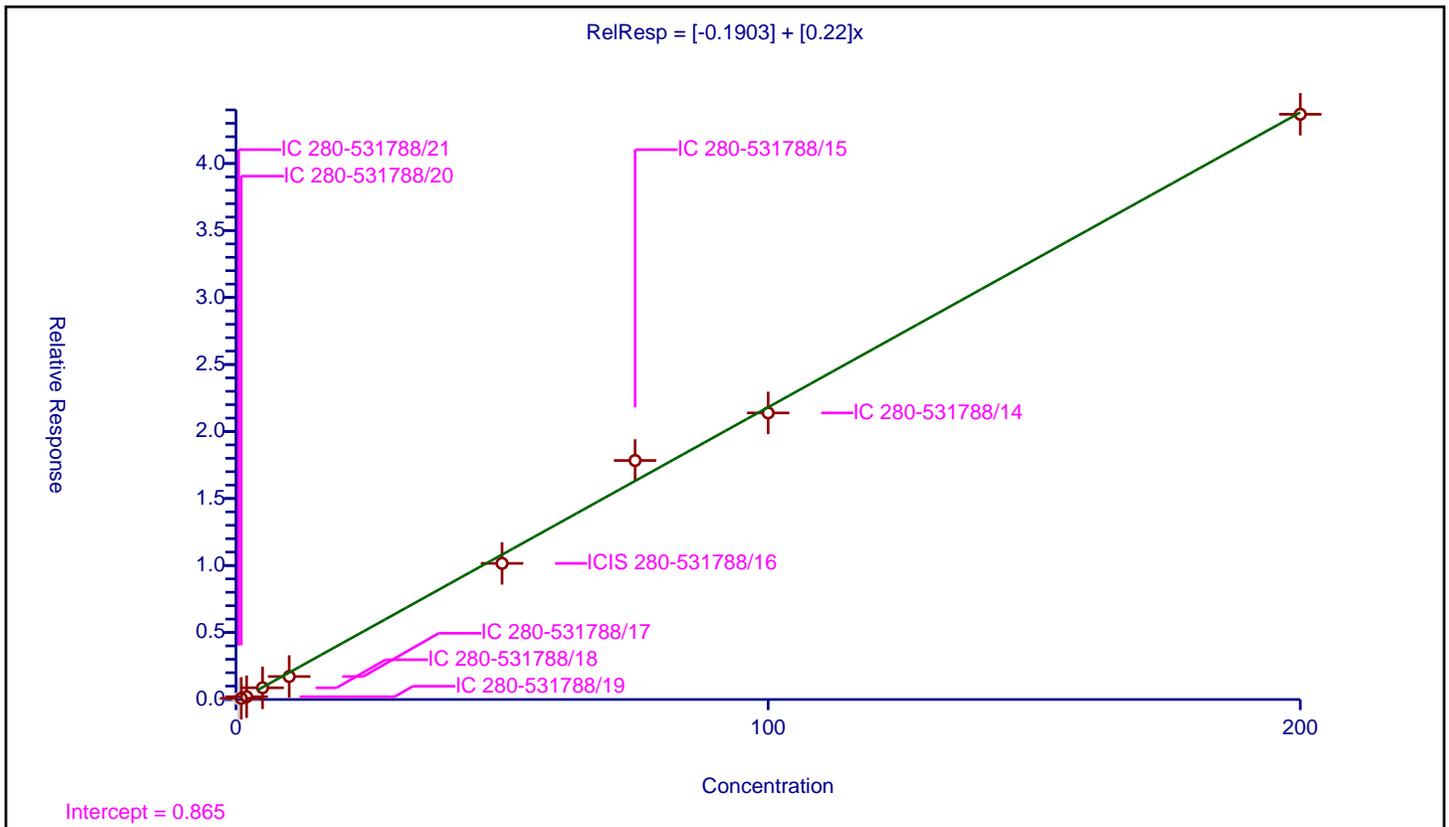
/ 1,2-Dibromo-3-Chloropropane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.1903
Slope:	0.22

Error Coefficients	
Standard Error:	349000
Relative Standard Error:	13.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.065895	50.0	830868.0	0.13179	N
2	IC 280-531788/20	1.0	0.085525	50.0	855307.0	0.085525	Y
3	IC 280-531788/19	2.0	0.205989	50.0	831841.0	0.102994	Y
4	IC 280-531788/18	5.0	0.874533	50.0	817236.0	0.174907	Y
5	IC 280-531788/17	10.0	1.715141	50.0	831535.0	0.171514	Y
6	ICIS 280-531788/16	50.0	10.15835	50.0	851910.0	0.203167	Y
7	IC 280-531788/15	75.0	17.836852	50.0	836919.0	0.237825	Y
8	IC 280-531788/14	100.0	21.385899	50.0	808991.0	0.213859	Y
9	IC 280-531788/13	200.0	43.673929	50.0	801390.0	0.21837	Y



**Calibration**

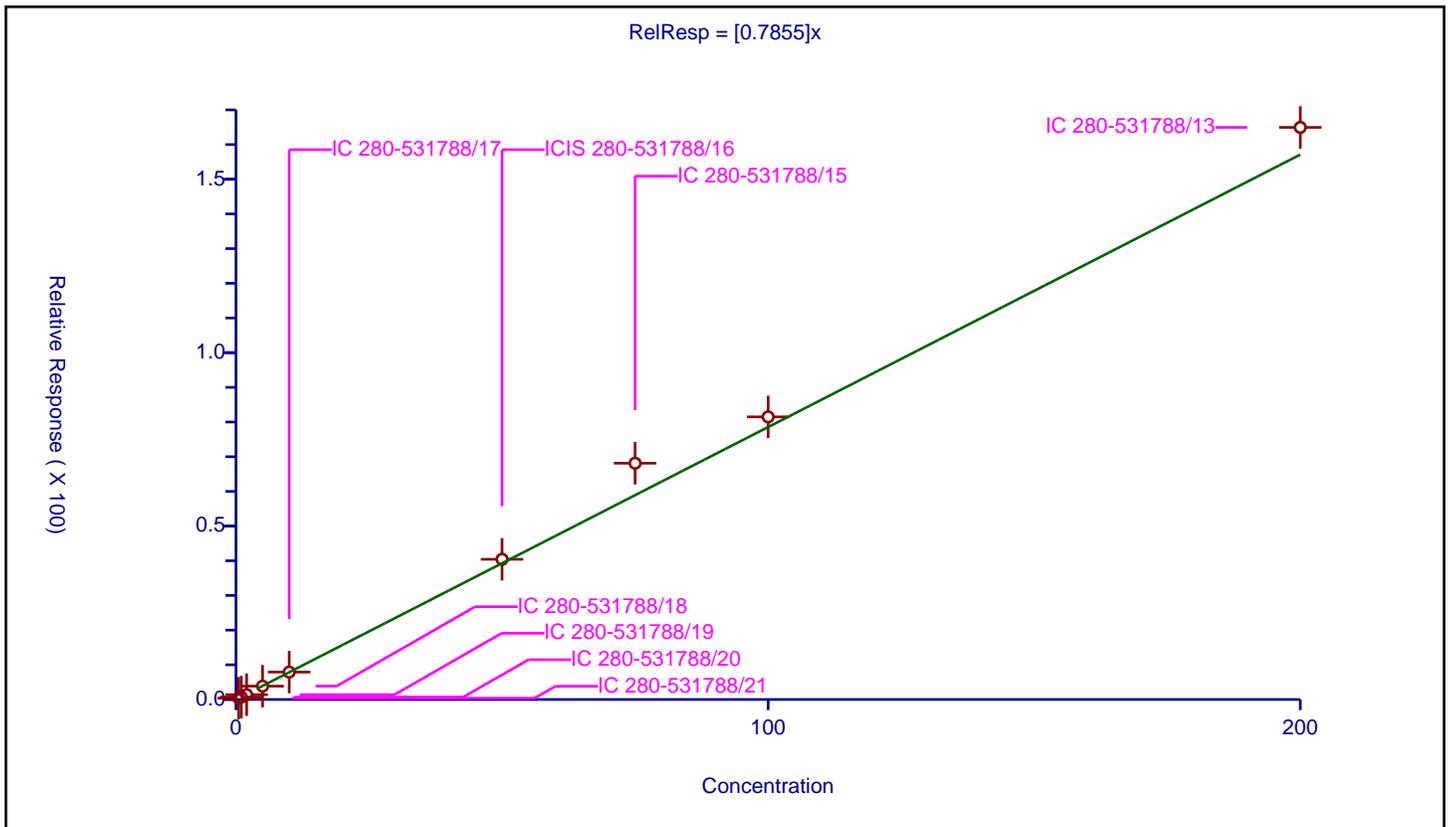
**/ 1,2,4-Trichlorobenzene**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7855

Error Coefficients	
Standard Error:	1150000
Relative Standard Error:	8.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.374006	50.0	830868.0	0.748013	Y
2	IC 280-531788/20	1.0	0.703315	50.0	855307.0	0.703315	Y
3	IC 280-531788/19	2.0	1.402912	50.0	831841.0	0.701456	Y
4	IC 280-531788/18	5.0	3.848827	50.0	817236.0	0.769765	Y
5	IC 280-531788/17	10.0	7.905079	50.0	831535.0	0.790508	Y
6	ICIS 280-531788/16	50.0	40.425691	50.0	851910.0	0.808514	Y
7	IC 280-531788/15	75.0	68.126665	50.0	836919.0	0.908356	Y
8	IC 280-531788/14	100.0	81.483354	50.0	808991.0	0.814834	Y
9	IC 280-531788/13	200.0	164.951397	50.0	801390.0	0.824757	Y



Calibration

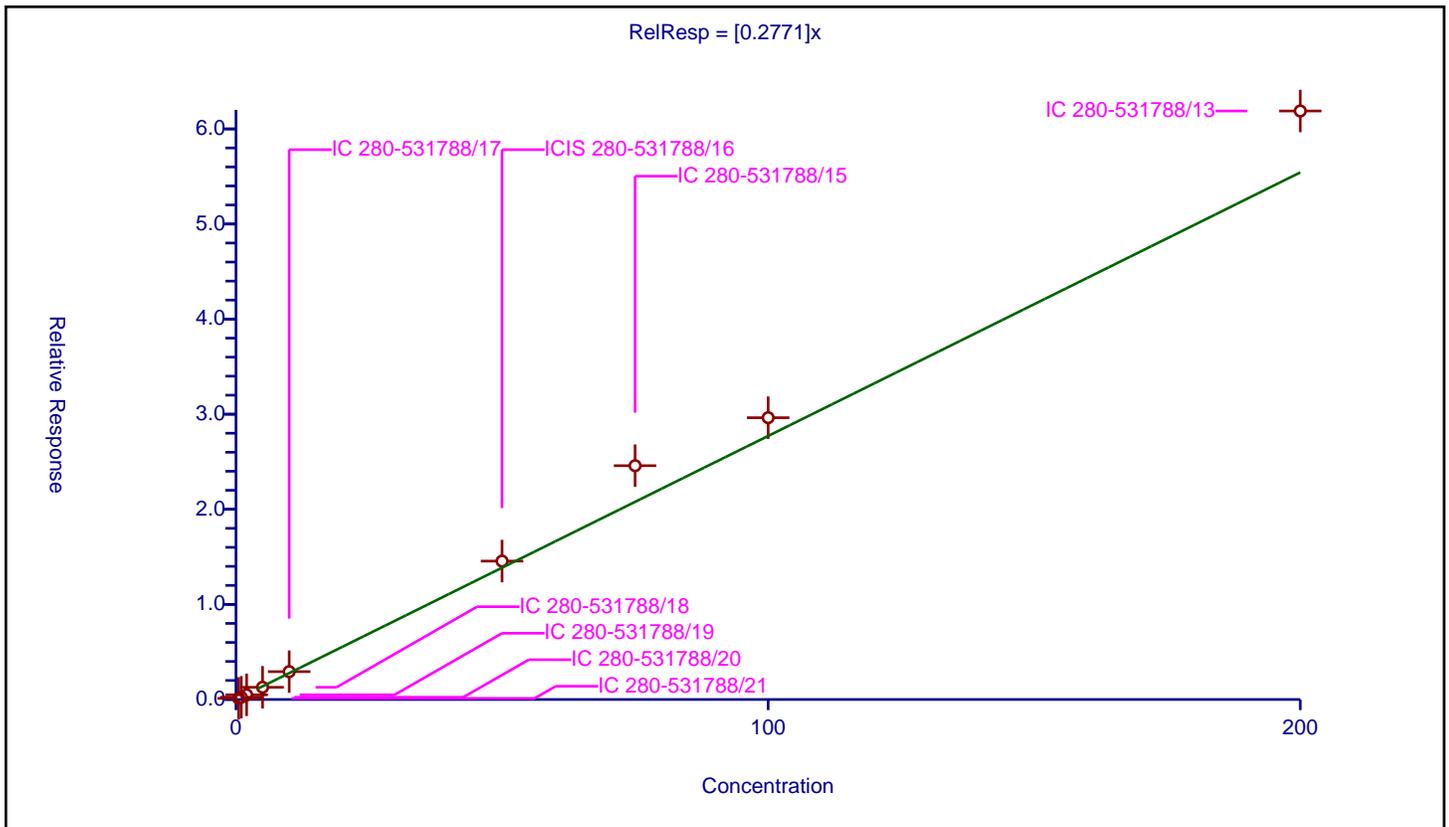
/ Hexachlorobutadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2771

Error Coefficients	
Standard Error:	425000
Relative Standard Error:	12.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.118912	50.0	830868.0	0.237824	Y
2	IC 280-531788/20	1.0	0.235588	50.0	855307.0	0.235588	Y
3	IC 280-531788/19	2.0	0.492282	50.0	831841.0	0.246141	Y
4	IC 280-531788/18	5.0	1.285124	50.0	817236.0	0.257025	Y
5	IC 280-531788/17	10.0	2.92868	50.0	831535.0	0.292868	Y
6	ICIS 280-531788/16	50.0	14.552359	50.0	851910.0	0.291047	Y
7	IC 280-531788/15	75.0	24.586071	50.0	836919.0	0.327814	Y
8	IC 280-531788/14	100.0	29.631665	50.0	808991.0	0.296317	Y
9	IC 280-531788/13	200.0	61.884538	50.0	801390.0	0.309423	Y



Calibration

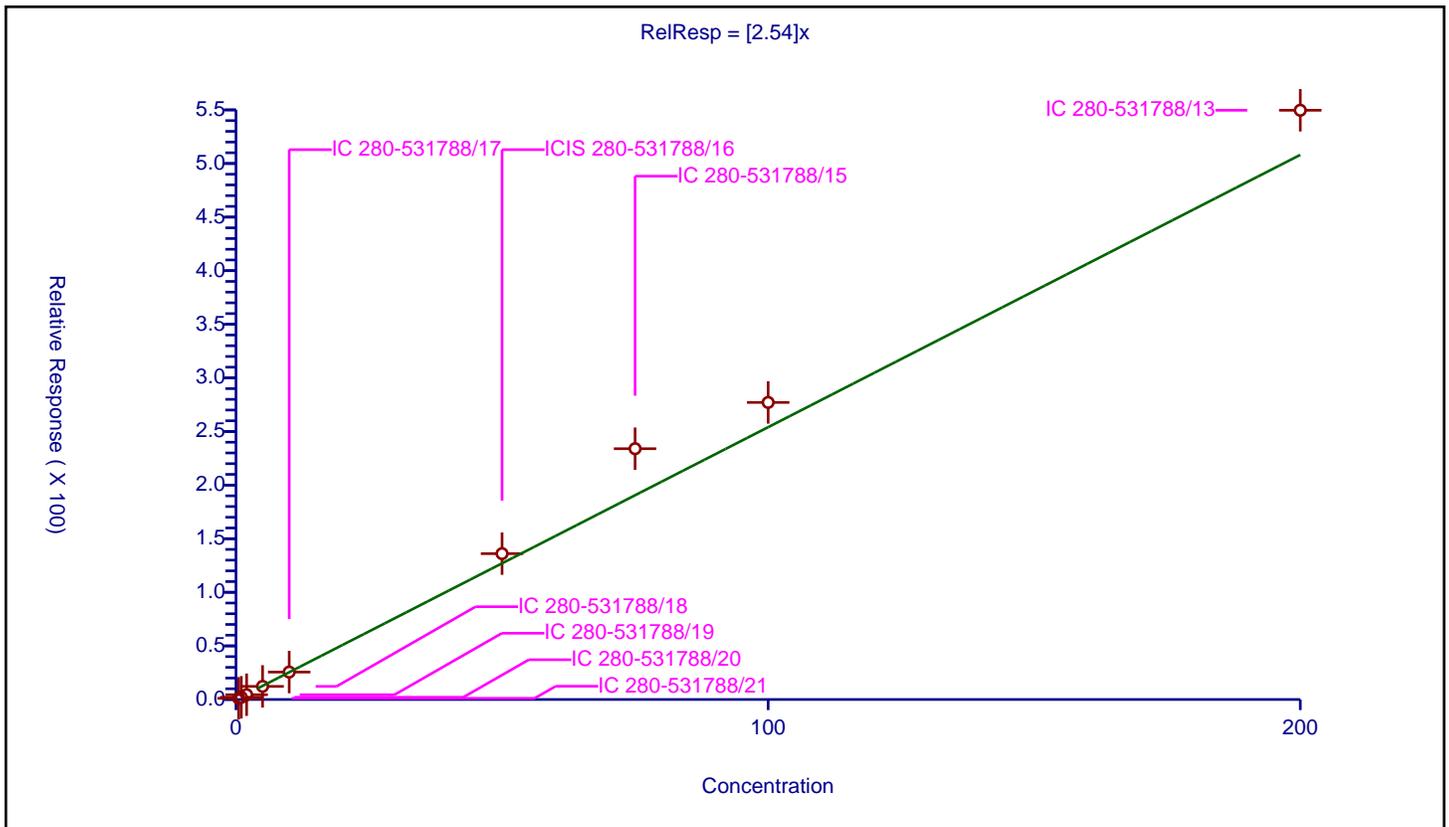
/ Naphthalene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.54

Error Coefficients	
Standard Error:	3850000
Relative Standard Error:	13.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	1.097286	50.0	830868.0	2.194572	Y
2	IC 280-531788/20	1.0	2.07066	50.0	855307.0	2.07066	Y
3	IC 280-531788/19	2.0	4.46149	50.0	831841.0	2.230745	Y
4	IC 280-531788/18	5.0	12.242241	50.0	817236.0	2.448448	Y
5	IC 280-531788/17	10.0	25.581485	50.0	831535.0	2.558148	Y
6	ICIS 280-531788/16	50.0	136.054571	50.0	851910.0	2.721091	Y
7	IC 280-531788/15	75.0	233.948626	50.0	836919.0	3.119315	Y
8	IC 280-531788/14	100.0	277.118781	50.0	808991.0	2.771188	Y
9	IC 280-531788/13	200.0	549.644867	50.0	801390.0	2.748224	Y



Calibration

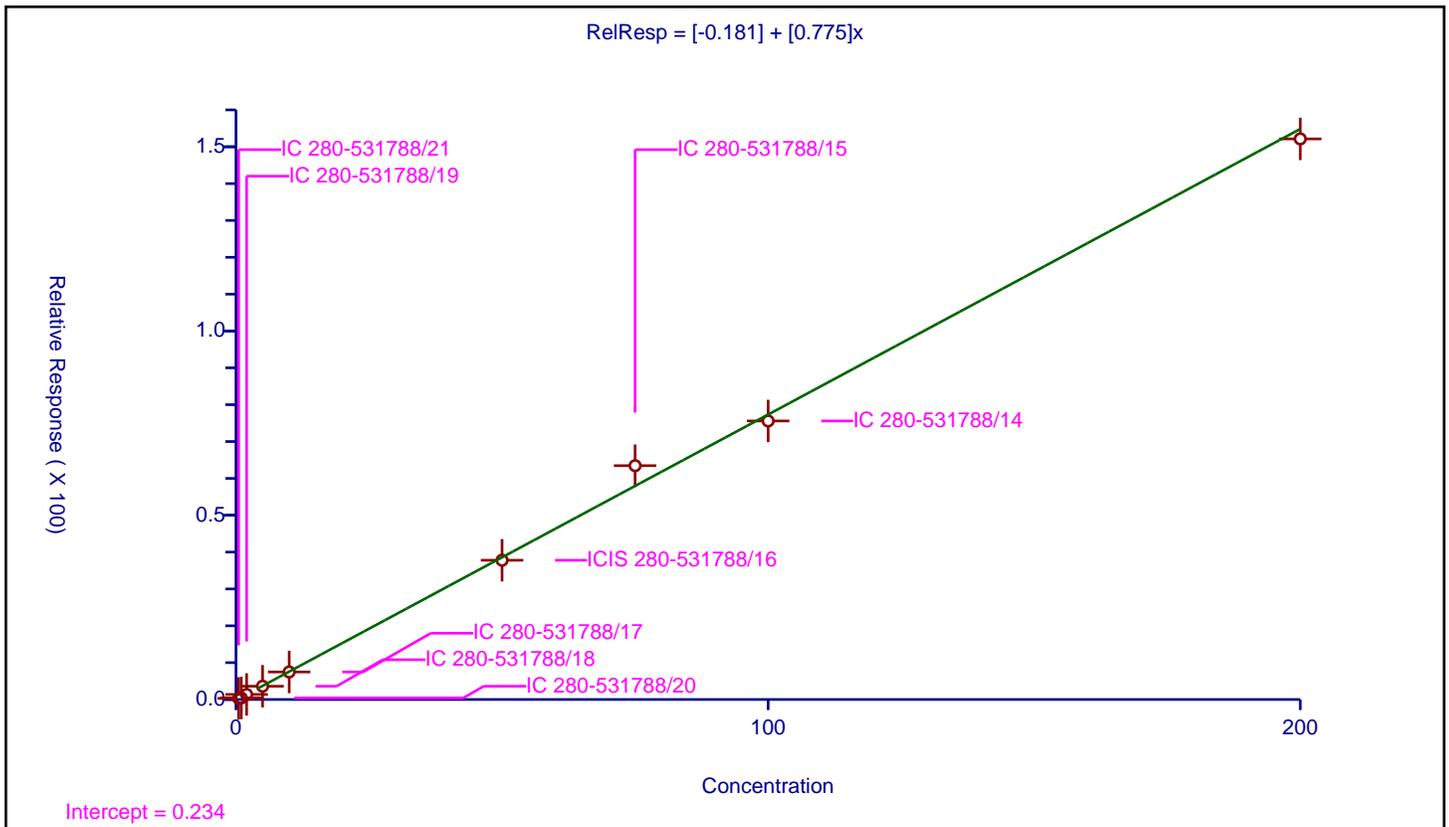
/ 1,2,3-Trichlorobenzene

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.181
Slope:	0.775

Error Coefficients	
Standard Error:	1130000
Relative Standard Error:	13.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-531788/21	0.5	0.298062	50.0	830868.0	0.596124	Y
2	IC 280-531788/20	1.0	0.412542	50.0	855307.0	0.412542	Y
3	IC 280-531788/19	2.0	1.369312	50.0	831841.0	0.684656	Y
4	IC 280-531788/18	5.0	3.599572	50.0	817236.0	0.719914	Y
5	IC 280-531788/17	10.0	7.475151	50.0	831535.0	0.747515	Y
6	ICIS 280-531788/16	50.0	37.785799	50.0	851910.0	0.755716	Y
7	IC 280-531788/15	75.0	63.452019	50.0	836919.0	0.846027	Y
8	IC 280-531788/14	100.0	75.583536	50.0	808991.0	0.755835	Y
9	IC 280-531788/13	200.0	152.128302	50.0	801390.0	0.760642	Y



FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 533108

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2021 18:54 Calibration End Date: 04/19/2021 21:58 Calibration ID: 52515

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-533108/24	R5184.D
Level 2	IC 280-533108/23	R5183.D
Level 3	IC 280-533108/22	R5182.D
Level 4	IC 280-533108/21	R5181.D
Level 5	IC 280-533108/20	R5180.D
Level 6	ICIS 280-533108/19	R5179.D
Level 7	IC 280-533108/18	R5178.D
Level 8	IC 280-533108/17	R5177.D
Level 9	IC 280-533108/14	R5176.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Dichlorodifluoromethane	0.3944 0.3081	0.2061 0.2747	0.2057 0.2899	0.3451 0.3030	+++++	Lin1	-0.01 0	0.295 8						0.9970		0.9900	
Chloromethane	0.5285 0.3720	0.3530 0.3469	0.3181 0.3541	0.4247 0.3554	+++++	Lin1	0.056 0	0.355 3		0.1000				0.9990		0.9900	
Vinyl chloride	0.4483 0.3540	0.2898 0.3265	0.2880 0.3361	0.4102 0.3489	+++++	Lin1	0.015 9	0.342 8						0.9980		0.9900	
Bromomethane	0.2642 0.1790	0.1881 0.1661	0.1689 0.1700	0.1809 0.1439	+++++	Lin1	0.053 4	0.157 6						0.9920		0.9900	
Chloroethane	0.2974 0.2065	0.1815 0.1896	0.1841 0.1934	0.2430 0.1868	+++++	Lin1	0.041 0	0.191 1						0.9980		0.9900	
Dichlorofluoromethane	0.6196 0.4860	0.4442 0.4539	0.4288 0.4615	0.5467 0.4673	+++++	Ave		0.488 5		13.1		15.0					
Trichlorofluoromethane	0.4627 0.3917	0.3338 0.3538	0.3137 0.3714	0.4384 0.3835	+++++	Ave		0.381 1		13.2		15.0					
Ethyl ether	0.2365 0.2591	0.2384 0.2526	0.2332 0.2574	0.2411 0.2418	+++++	Ave		0.245 0		4.1		15.0					
Acrolein	0.0547 0.0456	0.0471 0.0454	0.0452 0.0476	0.0477 0.0492	+++++	Ave		0.047 8		6.5		15.0					
1,1,2-Trichlorotrifluoroethane	0.1254 0.1804	0.1417 0.1662	0.1494 0.1789	0.1754 0.1675	+++++	Ave		0.160 6		12.3		15.0					
1,1-Dichloroethene	0.2198 0.2519	0.2116 0.2349	0.1998 0.2486	0.2374 0.2362	+++++	Ave		0.230 0		7.9		30.0					
Acetone	+++++ 0.1070	0.1195 0.1065	0.1103 0.1067	0.1068 0.1001	+++++	Ave		0.108 1		5.4		15.0					

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 533108

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2021 18:54 Calibration End Date: 04/19/2021 21:58 Calibration ID: 52515

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Iodomethane	++++ 0.2419	0.1918 0.2294	0.2052 0.2485	0.2296 0.2592	++++	Ave		0.229 4			10.4		15.0				
Carbon disulfide	0.8290 0.8090	0.6970 0.7656	0.6806 0.8147	0.7763 0.7796	++++	Ave		0.769 0			7.0		15.0				
Methyl acetate	0.1906 0.2792	0.2696 0.2725	0.2604 0.2731	0.2692 0.2512	++++	Ave		0.258 2			11.1		15.0				
Allyl chloride	0.4177 0.4207	0.3524 0.3892	0.3435 0.4038	0.3935 0.3749	++++	Ave		0.387 0			7.3		15.0				
Methylene Chloride	0.3508 0.3053	0.3323 0.2913	0.3087 0.3009	0.3049 0.2840	++++	Ave		0.309 8			7.0		15.0				
Tert-butyl alcohol (2-methyl-2-propanol)	0.0398 0.0454	0.0370 0.0453	0.0383 0.0446	0.0390 0.0403	++++	Ave		0.041 2			8.2		15.0				
Acrylonitrile	0.1623 0.1609	0.1422 0.1571	0.1439 0.1594	0.1487 0.1468	++++	Ave		0.152 7			5.3		15.0				
Methyl tert-butyl ether	0.8157 0.8933	0.7530 0.8612	0.7397 0.8821	0.8358 0.8333	++++	Ave		0.826 8			6.8		15.0				
trans-1,2-Dichloroethene	0.2959 0.2857	0.2668 0.2694	0.2707 0.2832	0.2708 0.2669	++++	Ave		0.276 2			3.9		15.0				
Hexane	1.1801 1.3807	1.0147 1.2808	1.0608 1.3822	1.2604 1.2940	++++	Ave		1.231 7			11.1		15.0				
Vinyl acetate	0.5492 0.7450	0.5439 0.7294	0.5823 0.7634	0.6225 0.7055	++++	Ave		0.655 2			13.9		15.0				
1,1-Dichloroethane	0.5442 0.5382	0.4899 0.5108	0.4846 0.5265	0.5228 0.4954	++++	Ave		0.514 1		0.1000	4.4		15.0				
2-Butanone (MEK)	0.2709 0.1907	0.1742 0.1899	0.1755 0.1905	0.1820 0.1734	++++	Lin1	0.097 6	0.182 0					0.9980		0.9900		
cis-1,2-Dichloroethene	0.3236 0.3226	0.2990 0.3084	0.3000 0.3193	0.3111 0.2996	++++	Ave		0.310 4			3.4		15.0				
2,2-Dichloropropane	0.2833 0.4096	0.2972 0.3916	0.3201 0.4181	0.3529 0.3980	++++	Ave		0.358 9			14.8		15.0				
sec-Butyl Alcohol	0.0276 0.0401	0.0261 0.0408	0.0309 0.0407	0.0314 0.0367	++++	Lin1	-0.23 0	0.038 8					0.9970		0.9900		
Chlorobromomethane	0.1401 0.1419	0.1285 0.1352	0.1283 0.1395	0.1383 0.1299	++++	Ave		0.135 2			4.1		15.0				
Tetrahydrofuran	0.1314 0.1311	0.1208 0.1299	0.1218 0.1285	0.1232 0.1177	++++	Ave		0.125 6			4.2		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 533108

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2021 18:54 Calibration End Date: 04/19/2021 21:58 Calibration ID: 52515

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Chloroform	0.5112 0.5032	0.4494 0.4824	0.4505 0.4975	0.4887 0.4708	+++++	Ave		0.481 7			4.8		30.0				
1,1,1-Trichloroethane	0.4082 0.4244	0.3657 0.3950	0.3735 0.4169	0.3945 0.3956	+++++	Ave		0.396 7			5.1		15.0				
Cyclohexane	0.4507 0.5429	0.4596 0.4975	0.4593 0.5352	0.5210 0.5087	+++++	Ave		0.496 9			7.3		15.0				
1,1-Dichloropropene	0.3539 0.4330	0.3760 0.4066	0.3787 0.4293	0.4076 0.4082	+++++	Ave		0.399 2			6.9		15.0				
Carbon tetrachloride	0.3088 0.3476	0.2802 0.3233	0.2757 0.3459	0.3152 0.3303	+++++	Ave		0.315 9			8.5		15.0				
Isobutyl alcohol	0.0109 0.0163	0.0117 0.0164	0.0127 0.0162	0.0135 0.0148	+++++	Lin2	-0.06 6	0.015 3						0.9930		0.9900	
Benzene	1.2423 1.2750	1.1725 1.2152	1.1650 1.2629	1.2184 1.1892	+++++	Ave		1.217 6			3.3		15.0				
1,2-Dichloroethane	0.4638 0.3924	0.4079 0.3754	0.3828 0.3856	0.3937 0.3622	+++++	Ave		0.395 5			7.8		15.0				
n-Heptane	0.3340 0.3428	0.2754 0.3196	0.2804 0.3486	0.3173 0.3326	+++++	Ave		0.318 8			8.6		15.0				
Trichloroethene	1.0870 1.0041	0.9230 0.9612	0.9077 1.0043	0.9502 0.9327	+++++	Ave		0.971 3			6.0		15.0				
2-Pentanone	0.2651 0.3152	0.2473 0.3179	0.2650 0.3163	0.2711 0.2877	+++++	Ave		0.285 7			9.7		15.0				
Methylcyclohexane	0.3463 0.3871	0.3290 0.3585	0.3088 0.3887	0.3687 0.3687	+++++	Ave		0.357 0			7.8		15.0				
1,2-Dichloropropane	0.3322 0.3336	0.2922 0.3207	0.3011 0.3296	0.3149 0.3131	+++++	Ave		0.317 2			4.7		30.0				
1,4-Dioxane	0.0035 0.0056	0.0029 0.0056	0.0045 0.0057	0.0052 0.0051	+++++	Lin1	-0.02 8	0.005 4						0.9980		0.9900	
Dibromomethane	0.1947 0.1955	0.1846 0.1884	0.1843 0.1938	0.1867 0.1825	+++++	Ave		0.188 8			2.7		15.0				
Dichlorobromomethane	0.3087 0.3819	0.2902 0.3698	0.3168 0.3846	0.3436 0.3670	+++++	Ave		0.345 3			10.5		15.0				
2-Chloroethyl vinyl ether	0.2568 0.2478	0.1915 0.2418	0.1962 0.2465	0.2450 0.2376	+++++	Ave		0.232 9			10.6		15.0				
cis-1,3-Dichloropropene	1.3776 1.7187	1.2609 1.6970	1.3443 1.7487	1.5309 1.6387	+++++	Ave		1.539 6			12.3		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 533108

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2021 18:54 Calibration End Date: 04/19/2021 21:58 Calibration ID: 52515

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
4-Methyl-2-pentanone (MIBK)	0.3049 0.3971	0.2916 0.3983	0.3178 0.3974	0.3437 0.3573	++++	Ave		0.351 0			12.5		15.0				
Toluene	1.3293 1.3421	1.2003 1.2802	1.2319 1.3355	1.2623 1.2639	++++	Ave		1.280 7			4.0		30.0				
trans-1,3-Dichloropropene	0.4052 0.4778	0.3552 0.4639	0.3649 0.4848	0.3964 0.4620	++++	Ave		0.426 3			12.2		15.0				
Ethyl methacrylate	1.0665 1.5853	1.1129 1.5881	1.2102 1.6123	1.3052 1.4871	++++	Lin2	-0.26 9	1.496 9						0.9920		0.9900	
1,1,2-Trichloroethane	0.2771 0.2861	0.2468 0.2770	0.2623 0.2852	0.2716 0.2664	++++	Ave		0.271 6			4.8		15.0				
Tetrachloroethene	0.6719 0.7247	0.6195 0.6915	0.6358 0.7404	0.6890 0.6876	++++	Ave		0.682 6			5.9		15.0				
1,3-Dichloropropane	1.7702 1.7379	1.5875 1.7066	1.5701 1.7571	1.6682 1.6224	++++	Ave		1.677 5			4.6		15.0				
2-Hexanone	0.7799 0.9513	0.7024 0.9683	0.7635 0.9620	0.8313 0.8413	++++	Ave		0.850 0			11.9		15.0				
Chlorodibromomethane	0.7414 0.9373	0.6670 0.9188	0.7413 0.9606	0.7956 0.9067	++++	Ave		0.833 6			13.3		15.0				
1,2-Dibromoethane	0.9426 1.0116	0.8440 0.9886	0.8923 1.0204	0.9505 0.9369	++++	Ave		0.948 3			6.3		15.0				
1-Chlorohexane	1.7776 1.3597	1.4252 1.3029	1.2923 1.3650	1.2929 1.2759	++++	Ave		1.386 4			12.0		15.0				
Chlorobenzene	2.7451 2.7870	2.5313 2.7058	2.6953 2.8016	2.7225 2.6043	++++	Ave		2.699 1		0.3000	3.4		15.0				
1,1,1,2-Tetrachloroethane	0.7802 0.9172	0.7075 0.8914	0.7271 0.9291	0.8098 0.8724	++++	Ave		0.829 4			10.3		15.0				
Ethylbenzene	1.3770 1.5325	1.2917 1.4812	1.3566 1.5492	1.4674 1.4518	++++	Ave		1.438 4			6.2		30.0				
m-Xylene & p-Xylene	1.7656 1.8672	1.5581 1.8019	1.6136 1.8814	1.7848 1.7557	++++	Ave		1.753 5			6.5		15.0				
o-Xylene	1.5850 1.8200	1.4384 1.7547	1.5730 1.8319	1.6483 1.6885	++++	Ave		1.667 5			8.1		15.0				
Styrene	2.7085 3.1611	2.4522 3.0854	2.6268 3.1903	2.9179 2.9751	++++	Ave		2.889 7			9.3		15.0				
Bromoform	0.2627 0.6207	0.3991 0.6390	0.4501 0.6666	0.4841 0.6271	++++	Lin2	-0.18 9	0.607 1		0.1000				0.9910		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 533108

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2021 18:54 Calibration End Date: 04/19/2021 21:58 Calibration ID: 52515

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Isopropylbenzene	2.3402 2.8770	2.3704 2.8076	2.3775 2.9518	2.6093 2.8063	+++++	Ave		2.642 5			9.5		15.0				
Cyclohexanone	0.0531 0.0778	0.0552 0.0779	0.0609 0.0762	0.0673 0.0628	+++++	Lin2	-0.45 2	0.071 7						0.9910		0.9900	
1,1,2,2-Tetrachloroethane	0.9061 0.9213	0.7793 0.9253	0.8728 0.9575	0.8592 0.8896	+++++	Ave		0.888 9		0.3000	6.1		15.0				
Bromobenzene	0.6538 0.6623	0.5885 0.6529	0.6106 0.6818	0.6125 0.6453	+++++	Ave		0.638 5			4.9		15.0				
trans-1,4-Dichloro-2-butene	0.1682 0.2546	0.1910 0.2676	0.2050 0.2772	0.2208 0.2619	+++++	Lin2	-0.05 0	0.254 4						0.9930		0.9900	
1,2,3-Trichloropropane	0.2417 0.2639	0.2346 0.2725	0.2479 0.2774	0.2541 0.2589	+++++	Ave		0.256 4			5.8		15.0				
N-Propylbenzene	0.6619 0.7800	0.6375 0.7589	0.7086 0.8013	0.7265 0.7620	+++++	Ave		0.729 6			7.9		15.0				
2-Chlorotoluene	0.5982 0.6714	0.5949 0.6559	0.6117 0.6879	0.6269 0.6495	+++++	Ave		0.637 1			5.4		15.0				
1,3,5-Trimethylbenzene	1.9814 2.3585	1.8747 2.3002	1.9917 2.4277	2.2155 2.2636	+++++	Ave		2.176 7			9.3		15.0				
4-Chlorotoluene	0.6030 0.7032	0.6121 0.6805	0.6323 0.7178	0.6748 0.6763	+++++	Ave		0.662 5			6.3		15.0				
tert-Butylbenzene	1.6504 1.9658	1.6702 1.8968	1.6633 1.9972	1.8103 1.8571	+++++	Ave		1.813 9			7.7		15.0				
1,2,4-Trimethylbenzene	2.0803 2.4518	1.9353 2.3705	2.0513 2.4775	2.2324 2.3009	+++++	Ave		2.237 5			8.9		15.0				
sec-Butylbenzene	0.2838 0.5750	0.4436 0.5476	0.5036 0.5764	0.5221 0.5341	+++++	Lin2	-0.13 4	0.561 0						0.9990		0.9900	
1,3-Dichlorobenzene	1.2500 1.2757	1.1444 1.2373	1.1795 1.2983	1.2166 1.2114	+++++	Ave		1.226 6			4.1		15.0				
4-Isopropyltoluene	1.9286 2.4779	1.9954 2.3804	2.0547 2.4949	2.2555 2.3060	+++++	Ave		2.236 7			9.8		15.0				
1,4-Dichlorobenzene	1.3145 1.3061	1.2274 1.2746	1.2371 1.3233	1.2330 1.2326	+++++	Ave		1.268 6			3.2		15.0				
n-Butylbenzene	1.7968 2.2307	1.7745 2.1391	1.8210 2.2564	2.0430 2.1085	+++++	Ave		2.021 3			9.8		15.0				
1,2-Dichlorobenzene	1.2401 1.2388	1.1016 1.1962	1.1536 1.2489	1.1846 1.1700	+++++	Ave		1.191 7			4.2		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 533108

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2021 18:54 Calibration End Date: 04/19/2021 21:58 Calibration ID: 52515

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
1,2-Dibromo-3-Chloropropane	0.1177 0.1983	0.1488 0.2100	0.1528 0.2131	0.1583 0.1995	+++++	Lin2	-0.04 3	0.195 1						0.9910		0.9900	
1,2,4-Trichlorobenzene	0.7663 0.7681	0.6594 0.7397	0.6826 0.7646	0.7142 0.7102	+++++	Ave		0.725 7			5.7		15.0				
Hexachlorobutadiene	0.1295 0.2585	0.2060 0.2457	0.2236 0.2635	0.2417 0.2446	+++++	Lin2	-0.06 0	0.254 7						0.9990		0.9900	
Naphthalene	2.3355 2.7952	2.1401 2.7870	2.3686 2.8470	2.4815 2.5476	+++++	Ave		2.537 8			10.0		15.0				
1,2,3-Trichlorobenzene	0.6452 0.7270	0.6591 0.7058	0.6724 0.7231	0.6898 0.6634	+++++	Ave		0.685 7			4.5		15.0				
Dibromofluoromethane (Surr)	0.2598 0.2584	0.2592 0.2591	0.2558 0.2564	0.2587 0.2590	+++++	Ave		0.258 3			0.5		15.0				
1,2-Dichloroethane-d4 (Surr)	0.2777 0.2698	0.2789 0.2685	0.2736 0.2613	0.2741 0.2647	+++++	Ave		0.271 1			2.3		15.0				
Toluene-d8 (Surr)	3.7184 3.7500	3.7010 3.7836	3.7242 3.8025	3.7751 3.7510	+++++	Ave		3.750 7			0.9		15.0				
4-Bromofluorobenzene (Surr)	1.0124 0.9914	1.0096 1.0025	1.0121 1.0050	1.0084 1.0230	+++++	Ave		1.008 1			0.9		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 533108

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2021 18:54 Calibration End Date: 04/19/2021 21:58 Calibration ID: 52515

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-533108/24	R5184.D
Level 2	IC 280-533108/23	R5183.D
Level 3	IC 280-533108/22	R5182.D
Level 4	IC 280-533108/21	R5181.D
Level 5	IC 280-533108/20	R5180.D
Level 6	ICIS 280-533108/19	R5179.D
Level 7	IC 280-533108/18	R5178.D
Level 8	IC 280-533108/17	R5177.D
Level 9	IC 280-533108/14	R5176.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Lin1	7789 597070	8080 806886	15715 1079239	66210 2424694	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Chloromethane	FB	Lin1	10438 720883	13844 1019129	24300 1318343	81469 2843951	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Vinyl chloride	FB	Lin1	8853 685922	11364 959246	22001 1251282	78696 2791695	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Bromomethane	FB	Lin1	5217 346787	7376 488077	12905 632774	34710 1151922	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Chloroethane	FB	Lin1	5874 400192	7118 556914	14064 720022	46627 1494687	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Dichlorofluoromethane	FB	Ave	12237 941776	17419 1333439	32758 1718206	104884 3739678	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Trichlorofluoromethane	FB	Ave	9138 758996	13089 1039298	23969 1382689	84112 3068956	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Ethyl ether	FB	Ave	4671 502142	9348 742170	17820 958241	46255 1934860	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Acrolein	FB	Ave	10670 872626	18224 1316528	34086 1749757	90359 3891660	+++++	4.94 494	9.88 741	19.8 988	49.4 1975	+++++
1,1,2-Trichlorotrifluoroethane	FB	Ave	2477 349673	5557 488111	11413 666054	33654 1340214	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
1,1-Dichloroethene	FB	Ave	4340 488134	8296 690206	15269 925436	45539 1890090	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Acetone	FB	Ave	+++++ 829282	18746 1251433	33699 1589217	81941 3205306	+++++	+++++ 200	4.00 300	8.00 400	20.0 800	+++++
Iodomethane	FB	Ave	+++++ 7520	7520	15679	44042	+++++	+++++ 1.00	1.00	2.00	5.00	+++++

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 533108

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2021 18:54 Calibration End Date: 04/19/2021 21:58 Calibration ID: 52515

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			468665	674026	925284	2073959		50.0	75.0	100	200	
Carbon disulfide	FB	Ave	16372 1567667	27332 2249084	51998 3032855	148935 6238726	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Methyl acetate	FB	Ave	7528 1081943	21146 1600978	39792 2033634	103296 4020810	+++++	1.00 100	2.00 150	4.00 200	10.0 400	+++++
Allyl chloride	FB	Ave	8250 815260	13817 1143425	26243 1503249	75487 2999920	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Methylene Chloride	FB	Ave	6928 591544	13030 855622	23584 1120147	58498 2273050	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Tert-butyl alcohol (2-methyl-2-propanol)	FB	Ave	7860 879778	14497 1329501	29233 1660685	74743 3223586	+++++	5.00 500	10.0 750	20.0 1000	50.0 2000	+++++
Acrylonitrile	FB	Ave	32044 3117721	55747 4616293	109963 5935548	285221 11745388	+++++	5.00 500	10.0 750	20.0 1000	50.0 2000	+++++
Methyl tert-butyl ether	FB	Ave	16110 1730936	29528 2529854	56514 3284060	160344 6668323	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
trans-1,2-Dichloroethene	FB	Ave	5843 553531	10462 791489	20685 1054132	51959 2136018	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Hexane	CBNZ d5	Ave	7085 808447	12082 1126442	24369 1544561	72197 3169705	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Vinyl acetate	FB	Ave	21692 2887215	42660 4285782	88983 5684313	238848 11291281	+++++	1.00 100	2.00 150	4.00 200	10.0 400	+++++
1,1-Dichloroethane	FB	Ave	10748 1042951	19212 1500518	37024 1959968	100300 3964494	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
2-Butanone (MEK)	FB	Lin1	21398 1478472	27326 2231792	53626 2836080	139676 5549833	+++++	2.00 200	4.00 300	8.00 400	20.0 800	+++++
cis-1,2-Dichloroethene	FB	Ave	6390 625195	11723 905856	22920 1188571	59682 2397293	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
2,2-Dichloropropane	FB	Ave	5595 793762	11654 1150338	24457 1556456	67708 3185227	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
sec-Butyl Alcohol	FB	Lin1	13085 1865502	24537 2877571	56685 3635969	144728 7047704	+++++	12.0 1200	24.0 1800	48.0 2400	120 4800	+++++
Chlorobromomethane	FB	Ave	2766 274976	5037 397110	9801 519235	26523 1039806	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Tetrahydrofuran	FB	Ave	5191	9475	18605	47288	+++++	1.00	2.00	4.00	10.0	+++++

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 533108

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2021 18:54 Calibration End Date: 04/19/2021 21:58 Calibration ID: 52515

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			508012	763044	956827	1884573		100	150	200	400	
Chloroform	FB	Ave	10095 975096	17623 1417225	34417 1852015	93749 3767384	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
1,1,1-Trichloroethane	FB	Ave	8062 822394	14341 1160481	28534 1552017	75678 3165442	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Cyclohexane	FB	Ave	8901 1052039	18024 1461381	35090 1992326	99944 4071035	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
1,1-Dichloropropene	FB	Ave	6989 838987	14746 1194475	28933 1598389	78199 3266880	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Carbon tetrachloride	FB	Ave	6099 673579	10989 949647	21067 1287671	60469 2643217	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Isobutyl alcohol	FB	Lin2	5361 790355	11503 1201918	24219 1504496	64663 2959172	+++++	12.5 1250	25.0 1875	50.0 2500	125 5000	+++++
Benzene	FB	Ave	24535 2470727	45979 3569844	89012 4701722	233740 9516441	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
1,2-Dichloroethane	FB	Ave	9159 760343	15995 1102801	29250 1435428	75527 2898152	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
n-Heptane	FB	Ave	6596 664195	10801 938932	21421 1297656	60878 2661882	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Trichloroethene	CBNZ d5	Ave	6526 587924	10990 845358	20854 1122243	54427 2284773	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
2-Pentanone	FB	Ave	16756 1954327	31033 2988881	64784 3767674	166453 7367437	+++++	1.60 160	3.20 240	6.40 320	16.0 640	+++++
Methylcyclohexane	FB	Ave	6840 750116	12902 1053122	23597 1447029	70742 2950496	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
1,2-Dichloropropane	FB	Ave	6560 646517	11459 942168	23003 1226866	60405 2505340	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
1,4-Dioxane	FB	Lin1	1373 215445	2240 327738	6844 421964	19825 821832	+++++	10.0 1000	20.0 1500	40.0 2000	100 4000	+++++
Dibromomethane	FB	Ave	3846 378844	7237 553337	14078 721487	35811 1460408	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
Dichlorobromomethane	FB	Ave	6097 739991	11380 1086489	24205 1431801	65916 2936526	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++
2-Chloroethyl vinyl ether	FB	Ave	5071 480139	7510 710461	14989 917622	47009 1901518	+++++	0.500 50.0	1.00 75.0	2.00 100	5.00 200	+++++

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 533108

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2021 18:54 Calibration End Date: 04/19/2021 21:58 Calibration ID: 52515

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
cis-1,3-Dichloropropene	CBNZ d5	Ave	8271	15014	30882	87690	+++++	0.500	1.00	2.00	5.00	+++++
			1006309	1492431	1954121	4014215		50.0	75.0	100	200	
4-Methyl-2-pentanone (MIBK)	FB	Ave	24083	45735	97123	263740	+++++	2.00	4.00	8.00	20.0	+++++
			3077884	4680810	5918086	11437018		200	300	400	800	
Toluene	FB	Ave	26252	47066	94122	242164	+++++	0.500	1.00	2.00	5.00	+++++
			2600630	3760738	4971790	10114611		50.0	75.0	100	200	
trans-1,3-Dichloropropene	FB	Ave	8003	13928	27878	76047	+++++	0.500	1.00	2.00	5.00	+++++
			925805	1362867	1804652	3697321		50.0	75.0	100	200	
Ethyl methacrylate	CBNZ d5	Lin2	6403	13252	27802	74760	+++++	0.500	1.00	2.00	5.00	+++++
			928228	1396707	1801650	3642720		50.0	75.0	100	200	
1,1,2-Trichloroethane	FB	Ave	5473	9679	20040	52114	+++++	0.500	1.00	2.00	5.00	+++++
			554476	813695	1061872	2131824		50.0	75.0	100	200	
Tetrachloroethene	CBNZ d5	Ave	4034	7377	14606	39466	+++++	0.500	1.00	2.00	5.00	+++++
			424327	608112	827392	1684447		50.0	75.0	100	200	
1,3-Dichloropropane	CBNZ d5	Ave	10628	18903	36070	95552	+++++	0.500	1.00	2.00	5.00	+++++
			1017586	1500861	1963521	3974328		50.0	75.0	100	200	
2-Hexanone	CBNZ d5	Ave	18730	33456	70164	190457	+++++	2.00	4.00	8.00	20.0	+++++
			2227977	3406299	4300128	8243418		200	300	400	800	
Chlorodibromomethane	CBNZ d5	Ave	4451	7942	17031	45571	+++++	0.500	1.00	2.00	5.00	+++++
			548795	808050	1073440	2221069		50.0	75.0	100	200	
1,2-Dibromoethane	CBNZ d5	Ave	5659	10050	20498	54444	+++++	0.500	1.00	2.00	5.00	+++++
			592288	869432	1140238	2294984		50.0	75.0	100	200	
1-Chlorohexane	CBNZ d5	Ave	8538	13576	23750	59243	+++++	0.400	0.800	1.60	4.00	+++++
			636905	916642	1220240	2500327		40.0	60.0	80.0	160	
Chlorobenzene	CBNZ d5	Ave	16481	30141	61920	155940	+++++	0.500	1.00	2.00	5.00	+++++
			1631810	2379661	3130656	6379483		50.0	75.0	100	200	

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 533108

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2021 18:54 Calibration End Date: 04/19/2021 21:58 Calibration ID: 52515

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	4684	8424	16705	46386	+++++	0.500	1.00	2.00	5.00	+++++
			537028	783973	1038240	2137164		50.0	75.0	100	200	
Ethylbenzene	CBNZ d5	Ave	8267	15380	31165	84050	+++++	0.500	1.00	2.00	5.00	+++++
			897276	1302624	1731161	3556318		50.0	75.0	100	200	
m-Xylene & p-Xylene	CBNZ d5	Ave	10600	18552	37069	102230	+++++	0.500	1.00	2.00	5.00	+++++
			1093242	1584692	2102375	4300694		50.0	75.0	100	200	
o-Xylene	CBNZ d5	Ave	9516	17127	36137	94413	+++++	0.500	1.00	2.00	5.00	+++++
			1065624	1543199	2047059	4136315		50.0	75.0	100	200	
Styrene	CBNZ d5	Ave	16261	29199	60346	167133	+++++	0.500	1.00	2.00	5.00	+++++
			1850846	2713491	3565022	7287855		50.0	75.0	100	200	
Bromoform	CBNZ d5	Lin2	1577	4752	10340	27731	+++++	0.500	1.00	2.00	5.00	+++++
			363405	561997	744909	1536057		50.0	75.0	100	200	
Isopropylbenzene	DCBd 4	Ave	22793	45594	88500	243729	+++++	0.500	1.00	2.00	5.00	+++++
			2725029	3945559	5242953	10574964		50.0	75.0	100	200	
Cyclohexanone	CBNZ d5	Lin2	12744	26289	55983	154153	+++++	20.0	40.0	80.0	200	+++++
			1821568	2739161	3406819	6151121		2000	3000	4000	8000	
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	8825	14989	32490	80259	+++++	0.500	1.00	2.00	5.00	+++++
			872615	1300293	1700652	3352441		50.0	75.0	100	200	
Bromobenzene	DCBd 4	Ave	6368	11320	22730	57211	+++++	0.500	1.00	2.00	5.00	+++++
			627332	917594	1211076	2431634		50.0	75.0	100	200	
trans-1,4-Dichloro-2-butene	DCBd 4	Lin2	1638	3673	7630	20621	+++++	0.500	1.00	2.00	5.00	+++++
			241114	376134	492354	986877		50.0	75.0	100	200	
1,2,3-Trichloropropane	DCBd 4	Ave	2354	4512	9229	23732	+++++	0.500	1.00	2.00	5.00	+++++
			249915	382999	492660	975625		50.0	75.0	100	200	

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 533108

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2021 18:54 Calibration End Date: 04/19/2021 21:58 Calibration ID: 52515

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
N-Propylbenzene	DCBd 4	Ave	6447	12261	26378	67860	+++++	0.500	1.00	2.00	5.00	+++++
			738842	1066468	1423341	2871551		50.0	75.0	100	200	
2-Chlorotoluene	DCBd 4	Ave	5826	11443	22770	58557	+++++	0.500	1.00	2.00	5.00	+++++
			635941	921792	1221851	2447673		50.0	75.0	100	200	
1,3,5-Trimethylbenzene	DCBd 4	Ave	19298	36059	74139	206945	+++++	0.500	1.00	2.00	5.00	+++++
			2233927	3232599	4312126	8529891		50.0	75.0	100	200	
4-Chlorotoluene	DCBd 4	Ave	5873	11773	23537	63034	+++++	0.500	1.00	2.00	5.00	+++++
			666021	956354	1275021	2548531		50.0	75.0	100	200	
tert-Butylbenzene	DCBd 4	Ave	16075	32125	61915	169100	+++++	0.500	1.00	2.00	5.00	+++++
			1861983	2665667	3547328	6998144		50.0	75.0	100	200	
1,2,4-Trimethylbenzene	DCBd 4	Ave	20262	37225	76360	208523	+++++	0.500	1.00	2.00	5.00	+++++
			2322320	3331402	4400562	8670432		50.0	75.0	100	200	
sec-Butylbenzene	DCBd 4	Lin2	2764	8532	18748	48764	+++++	0.500	1.00	2.00	5.00	+++++
			544619	769618	1023827	2012783		50.0	75.0	100	200	
1,3-Dichlorobenzene	DCBd 4	Ave	12175	22011	43907	113642	+++++	0.500	1.00	2.00	5.00	+++++
			1208305	1738822	2305999	4564774		50.0	75.0	100	200	
4-Isopropyltoluene	DCBd 4	Ave	18784	38380	76484	210684	+++++	0.500	1.00	2.00	5.00	+++++
			2347022	3345195	4431381	8689934		50.0	75.0	100	200	
1,4-Dichlorobenzene	DCBd 4	Ave	12803	23608	46052	115172	+++++	0.500	1.00	2.00	5.00	+++++
			1237137	1791202	2350344	4644875		50.0	75.0	100	200	
n-Butylbenzene	DCBd 4	Ave	17500	34132	67785	190836	+++++	0.500	1.00	2.00	5.00	+++++
			2112901	3006127	4007775	7945557		50.0	75.0	100	200	
1,2-Dichlorobenzene	DCBd 4	Ave	12078	21189	42942	110653	+++++	0.500	1.00	2.00	5.00	+++++
			1173372	1681035	2218300	4409077		50.0	75.0	100	200	

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1 Analy Batch No.: 533108

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 GC Column: DB-624 (60. ID: 0.25 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2021 18:54 Calibration End Date: 04/19/2021 21:58 Calibration ID: 52515

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dibromo-3-Chloropropane	DCBd 4	Lin2	1146	2862	5688	14787	+++++	0.500	1.00	2.00	5.00	+++++
			187870	295138	378533	751948		50.0	75.0	100	200	
1,2,4-Trichlorobenzene	DCBd 4	Ave	7464	12684	25411	66709	+++++	0.500	1.00	2.00	5.00	+++++
			727551	1039529	1358152	2676206		50.0	75.0	100	200	
Hexachlorobutadiene	DCBd 4	Lin2	1261	3962	8325	22575	+++++	0.500	1.00	2.00	5.00	+++++
			244821	345306	468041	921579		50.0	75.0	100	200	
Naphthalene	DCBd 4	Ave	22747	41163	88171	231789	+++++	0.500	1.00	2.00	5.00	+++++
			2647555	3916666	5056836	9600155		50.0	75.0	100	200	
1,2,3-Trichlorobenzene	DCBd 4	Ave	6284	12678	25030	64435	+++++	0.500	1.00	2.00	5.00	+++++
			688562	991852	1284314	2499963		50.0	75.0	100	200	
Dibromofluoromethane (Surr)	FB	Ave	512991	508301	488655	496254	+++++	50.0	50.0	50.0	50.0	+++++
			500710	507422	477314	518179		50.0	50.0	50.0	50.0	
1,2-Dichloroethane-d4 (Surr)	FB	Ave	548356	546902	522647	525878	+++++	50.0	50.0	50.0	50.0	+++++
			522789	525755	486434	529646		50.0	50.0	50.0	50.0	
Toluene-d8 (Surr)	CBNZ d5	Ave	2232421	2203436	2138923	2162361	+++++	50.0	50.0	50.0	50.0	+++++
			2195662	2218340	2124545	2297114		50.0	50.0	50.0	50.0	
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	986011	970985	941860	941940	+++++	50.0	50.0	50.0	50.0	+++++
			939066	939196	892562	963741		50.0	50.0	50.0	50.0	

Curve Type Legend

Ave = Average ISTD  
Lin1 = Linear 1/conc ISTD  
Lin2 = Linear 1/conc^2 ISTD

Calibration

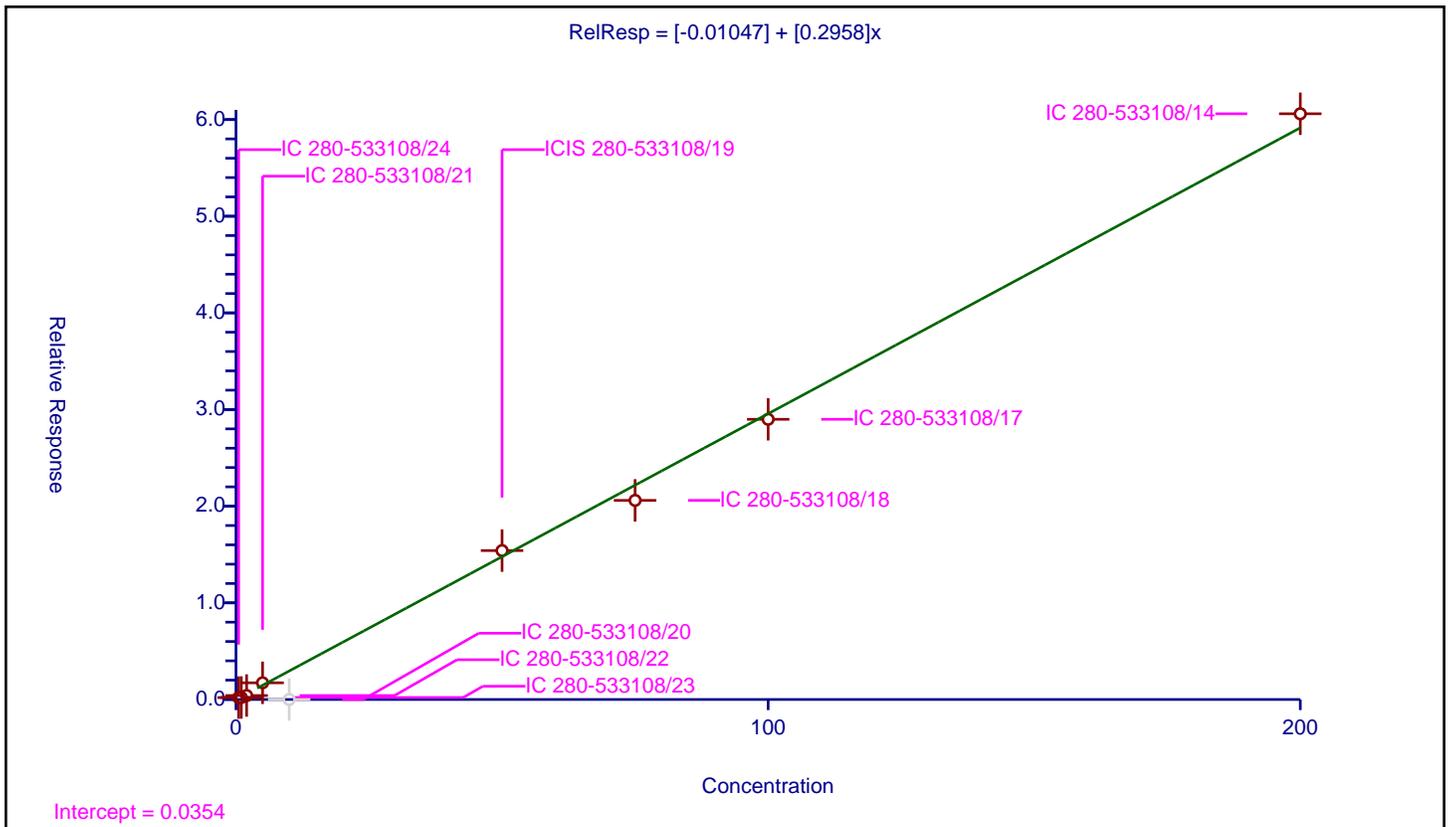
/ Dichlorodifluoromethane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.01047
Slope:	0.2958

Error Coefficients	
Standard Error:	1160000
Relative Standard Error:	24.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.197201	50.0	1974890.0	0.394402	Y
2	IC 280-533108/23	1.0	0.206052	50.0	1960666.0	0.206052	Y
3	IC 280-533108/22	2.0	0.411371	50.0	1910075.0	0.205686	Y
4	IC 280-533108/21	5.0	1.725601	50.0	1918462.0	0.34512	Y
5	IC 280-533108/20	10.0	0.0	50.0	1906683.0	0.0	N
6	ICIS 280-533108/19	50.0	15.405992	50.0	1937785.0	0.30812	Y
7	IC 280-533108/18	75.0	20.599928	50.0	1958468.0	0.274666	Y
8	IC 280-533108/17	100.0	28.989654	50.0	1861421.0	0.289897	Y
9	IC 280-533108/14	200.0	60.598716	50.0	2000615.0	0.302994	Y



**Calibration**

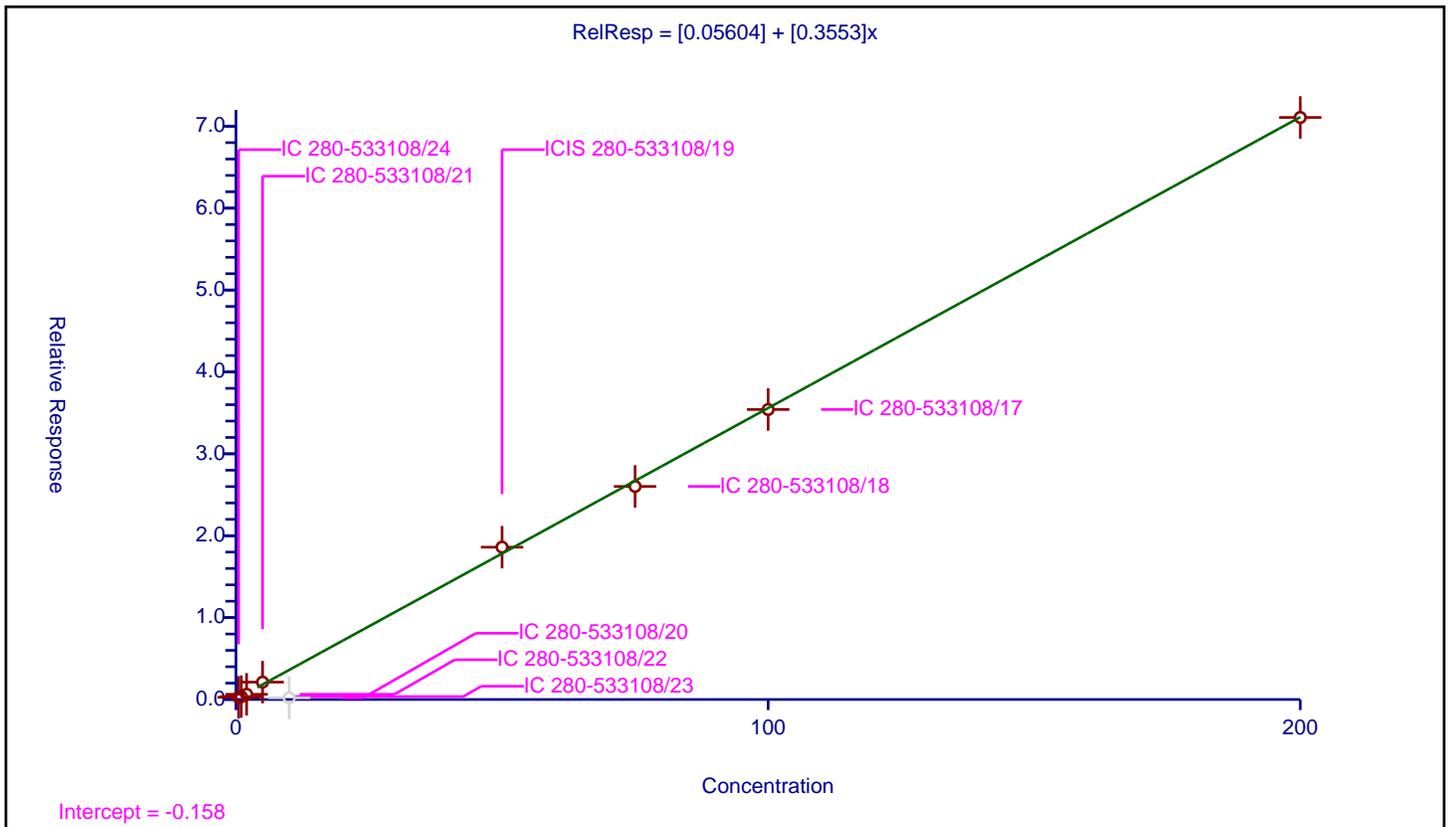
**/ Chloromethane**

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.05604
Slope:	0.3553

Error Coefficients	
Standard Error:	1380000
Relative Standard Error:	14.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.264268	50.0	1974890.0	0.528536	Y
2	IC 280-533108/23	1.0	0.353043	50.0	1960666.0	0.353043	Y
3	IC 280-533108/22	2.0	0.636101	50.0	1910075.0	0.31805	Y
4	IC 280-533108/21	5.0	2.123289	50.0	1918462.0	0.424658	Y
5	IC 280-533108/20	10.0	0.199456	50.0	1906683.0	0.019946	N
6	ICIS 280-533108/19	50.0	18.600696	50.0	1937785.0	0.372014	Y
7	IC 280-533108/18	75.0	26.018526	50.0	1958468.0	0.346914	Y
8	IC 280-533108/17	100.0	35.412274	50.0	1861421.0	0.354123	Y
9	IC 280-533108/14	200.0	71.076919	50.0	2000615.0	0.355385	Y



**Calibration**

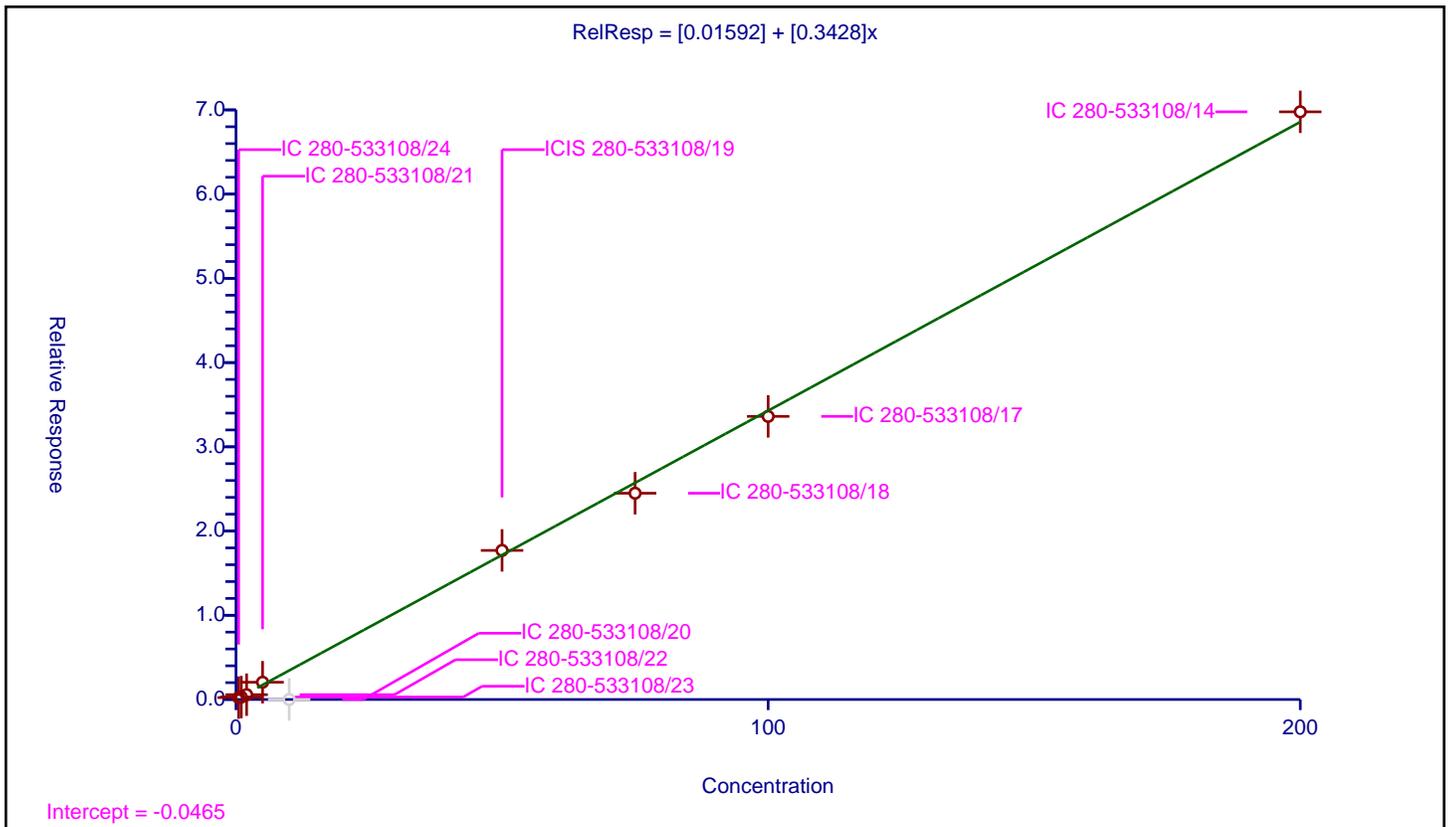
/ Vinyl chloride

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.01592
Slope:	0.3428

Error Coefficients	
Standard Error:	1340000
Relative Standard Error:	16.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.224139	50.0	1974890.0	0.448278	Y
2	IC 280-533108/23	1.0	0.289799	50.0	1960666.0	0.289799	Y
3	IC 280-533108/22	2.0	0.57592	50.0	1910075.0	0.28796	Y
4	IC 280-533108/21	5.0	2.051018	50.0	1918462.0	0.410204	Y
5	IC 280-533108/20	10.0	0.0	50.0	1906683.0	0.0	N
6	ICIS 280-533108/19	50.0	17.698609	50.0	1937785.0	0.353972	Y
7	IC 280-533108/18	75.0	24.489703	50.0	1958468.0	0.326529	Y
8	IC 280-533108/17	100.0	33.610935	50.0	1861421.0	0.336109	Y
9	IC 280-533108/14	200.0	69.77092	50.0	2000615.0	0.348855	Y



Calibration

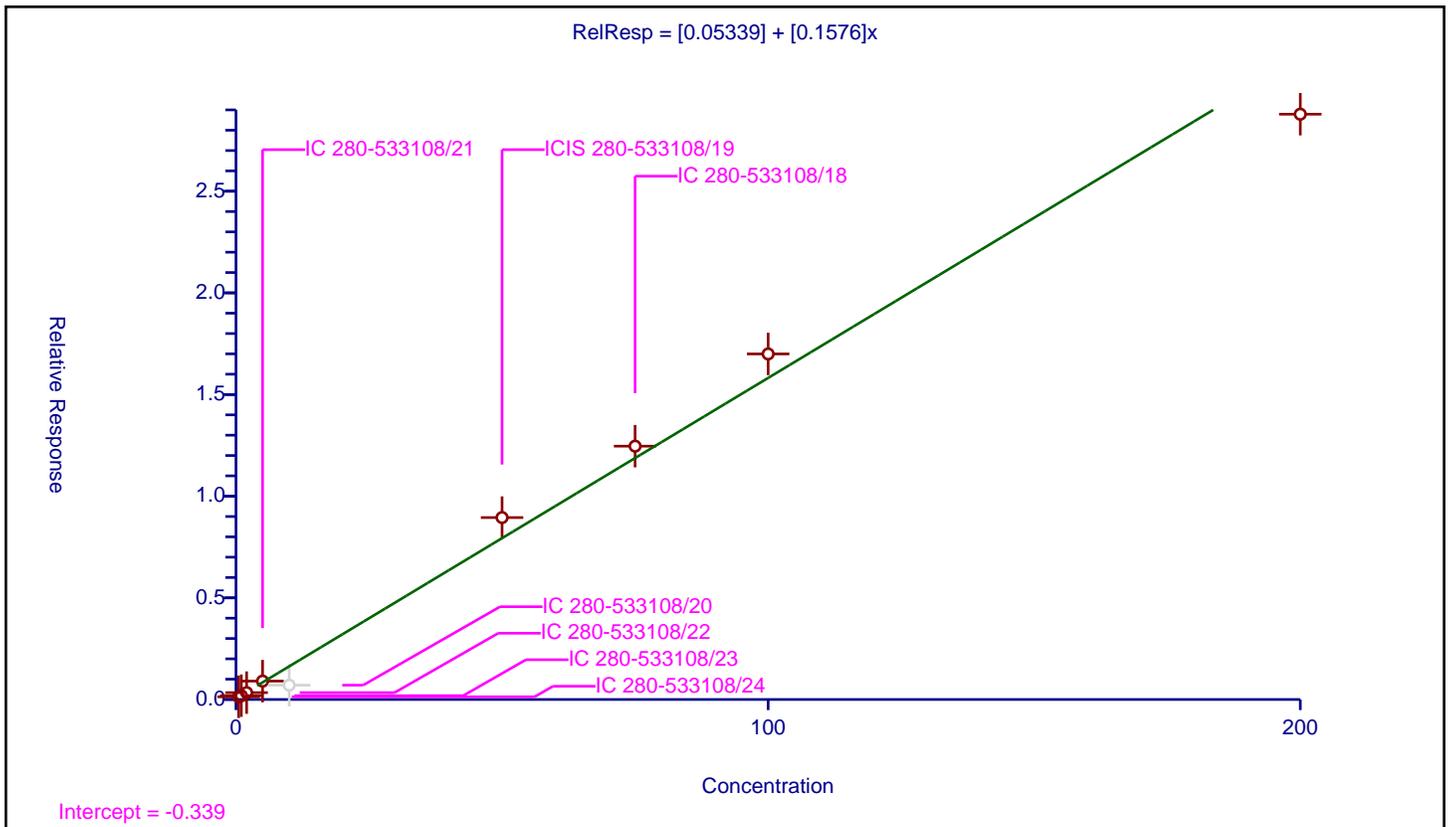
/ Bromomethane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.05339
Slope:	0.1576

Error Coefficients	
Standard Error:	590000
Relative Standard Error:	10.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.132083	50.0	1974890.0	0.264167	Y
2	IC 280-533108/23	1.0	0.188099	50.0	1960666.0	0.188099	Y
3	IC 280-533108/22	2.0	0.337814	50.0	1910075.0	0.168907	Y
4	IC 280-533108/21	5.0	0.904631	50.0	1918462.0	0.180926	Y
5	IC 280-533108/20	10.0	0.704286	50.0	1906683.0	0.070429	N
6	ICIS 280-533108/19	50.0	8.948026	50.0	1937785.0	0.178961	Y
7	IC 280-533108/18	75.0	12.460684	50.0	1958468.0	0.166142	Y
8	IC 280-533108/17	100.0	16.997068	50.0	1861421.0	0.169971	Y
9	IC 280-533108/14	200.0	28.789197	50.0	2000615.0	0.143946	Y



Calibration

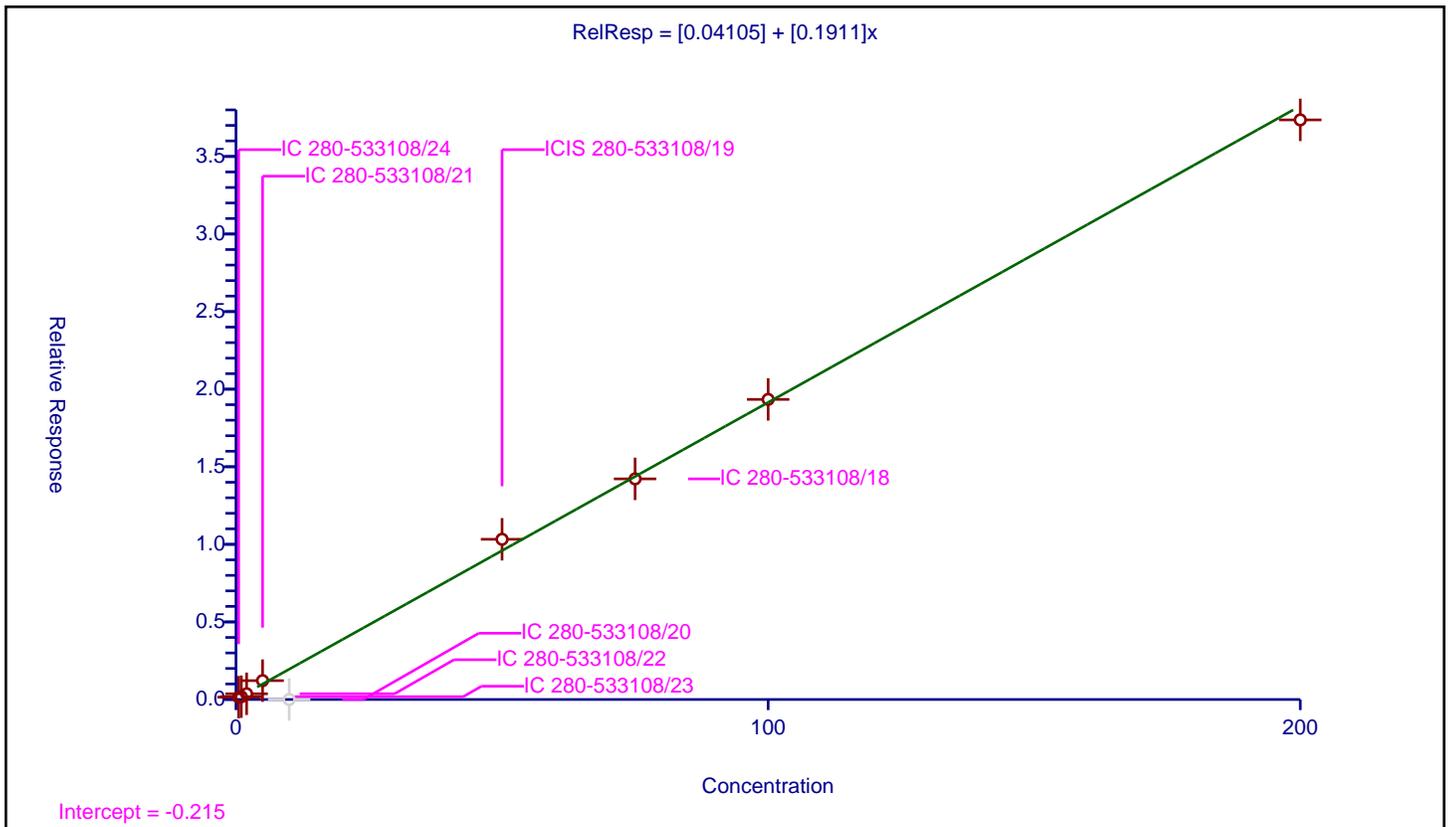
/ Chloroethane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.04105
Slope:	0.1911

Error Coefficients	
Standard Error:	733000
Relative Standard Error:	16.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.148717	50.0	1974890.0	0.297434	Y
2	IC 280-533108/23	1.0	0.18152	50.0	1960666.0	0.18152	Y
3	IC 280-533108/22	2.0	0.368153	50.0	1910075.0	0.184077	Y
4	IC 280-533108/21	5.0	1.215218	50.0	1918462.0	0.243044	Y
5	IC 280-533108/20	10.0	0.0	50.0	1906683.0	0.0	N
6	ICIS 280-533108/19	50.0	10.326017	50.0	1937785.0	0.20652	Y
7	IC 280-533108/18	75.0	14.218103	50.0	1958468.0	0.189575	Y
8	IC 280-533108/17	100.0	19.340654	50.0	1861421.0	0.193407	Y
9	IC 280-533108/14	200.0	37.355688	50.0	2000615.0	0.186778	Y



Calibration

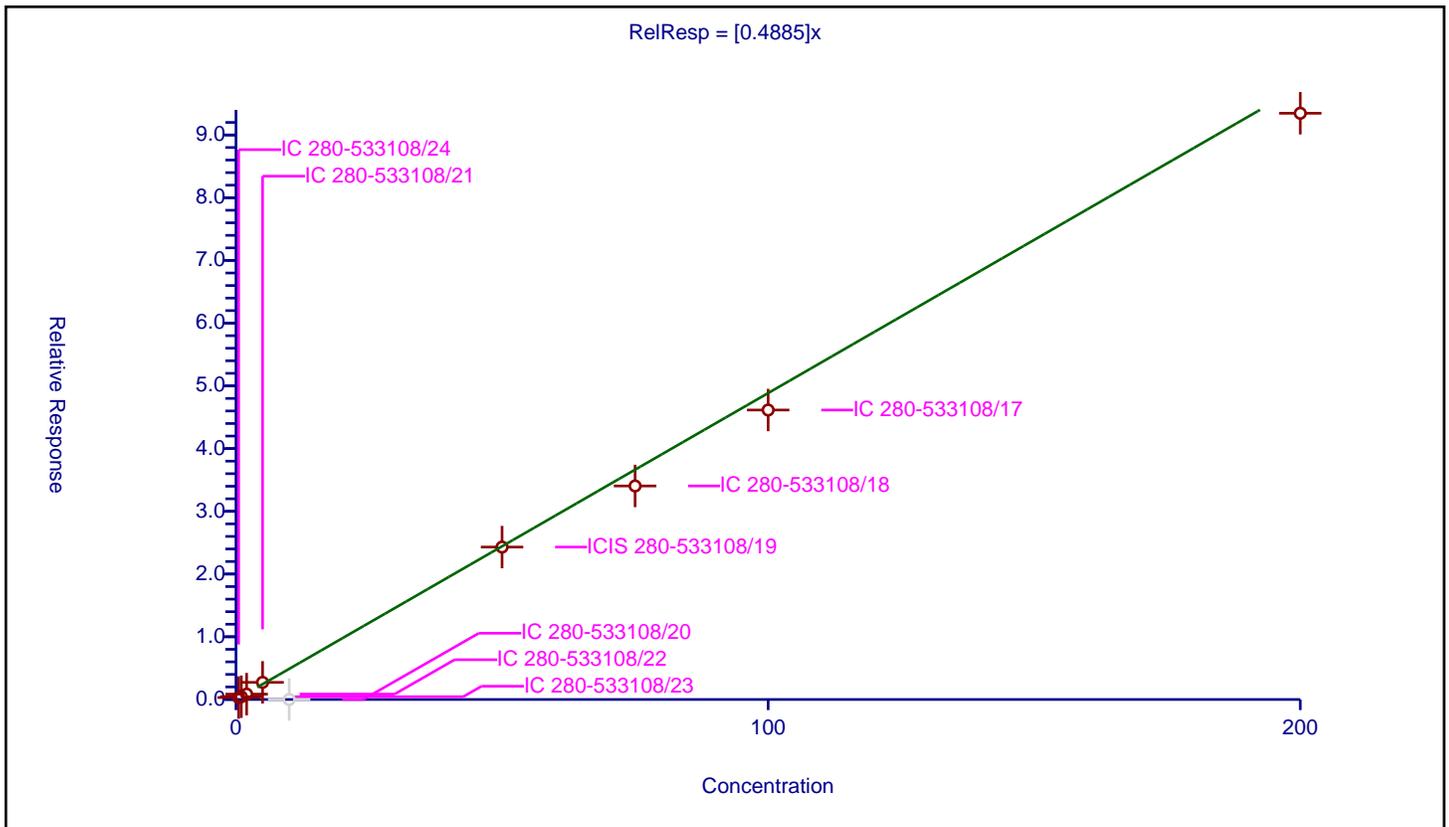
/ Dichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4885

Error Coefficients	
Standard Error:	1670000
Relative Standard Error:	13.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.309815	50.0	1974890.0	0.619629	Y
2	IC 280-533108/23	1.0	0.444211	50.0	1960666.0	0.444211	Y
3	IC 280-533108/22	2.0	0.857506	50.0	1910075.0	0.428753	Y
4	IC 280-533108/21	5.0	2.733544	50.0	1918462.0	0.546709	Y
5	IC 280-533108/20	10.0	0.0	50.0	1906683.0	0.0	N
6	ICIS 280-533108/19	50.0	24.300322	50.0	1937785.0	0.486006	Y
7	IC 280-533108/18	75.0	34.04291	50.0	1958468.0	0.453905	Y
8	IC 280-533108/17	100.0	46.153073	50.0	1861421.0	0.461531	Y
9	IC 280-533108/14	200.0	93.46321	50.0	2000615.0	0.467316	Y



Calibration

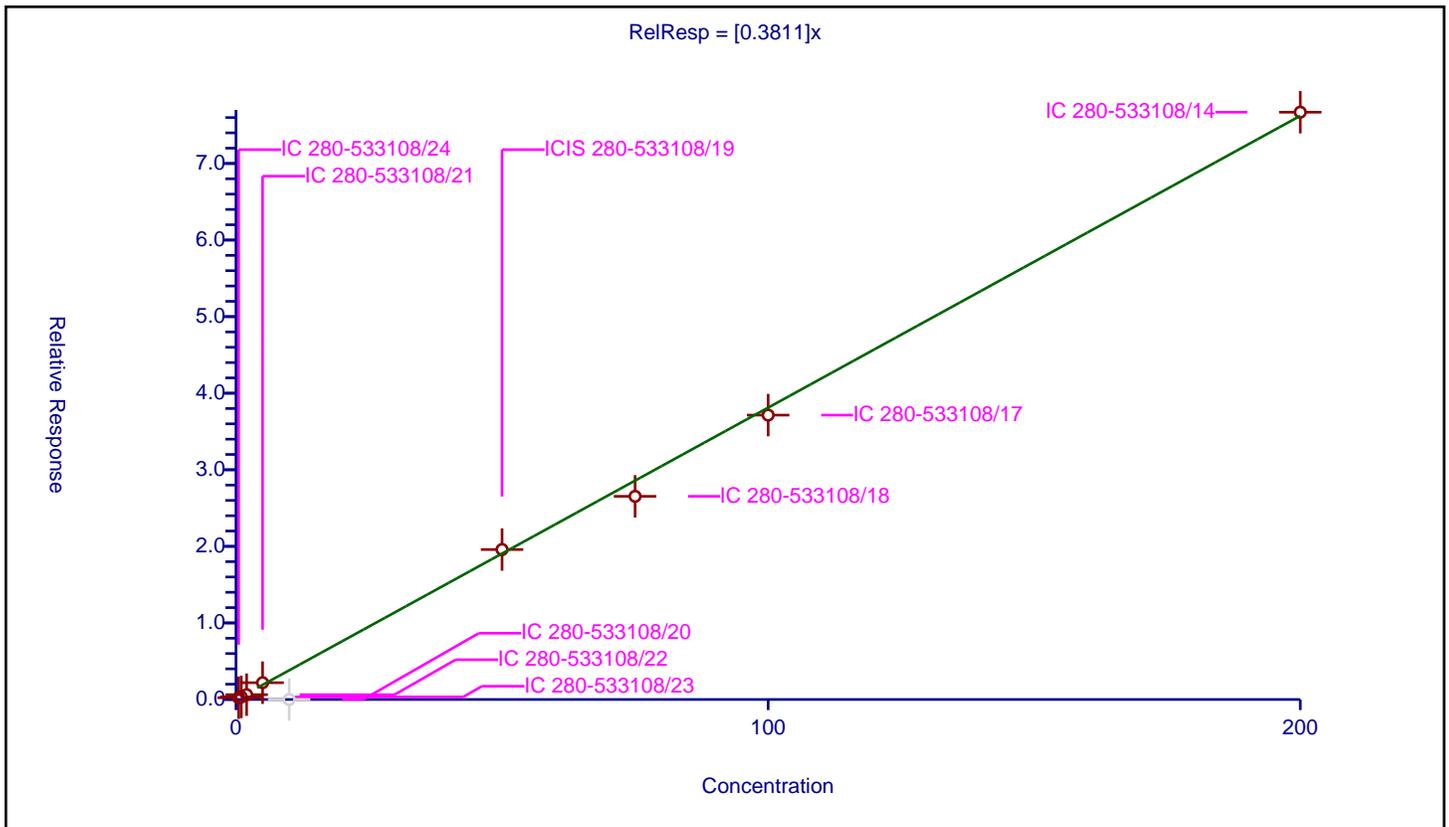
/ Trichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3811

Error Coefficients	
Standard Error:	1360000
Relative Standard Error:	13.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.231355	50.0	1974890.0	0.462709	Y
2	IC 280-533108/23	1.0	0.33379	50.0	1960666.0	0.33379	Y
3	IC 280-533108/22	2.0	0.627436	50.0	1910075.0	0.313718	Y
4	IC 280-533108/21	5.0	2.192173	50.0	1918462.0	0.438435	Y
5	IC 280-533108/20	10.0	0.0	50.0	1906683.0	0.0	N
6	ICIS 280-533108/19	50.0	19.584113	50.0	1937785.0	0.391682	Y
7	IC 280-533108/18	75.0	26.533443	50.0	1958468.0	0.353779	Y
8	IC 280-533108/17	100.0	37.140684	50.0	1861421.0	0.371407	Y
9	IC 280-533108/14	200.0	76.700315	50.0	2000615.0	0.383502	Y



**Calibration**

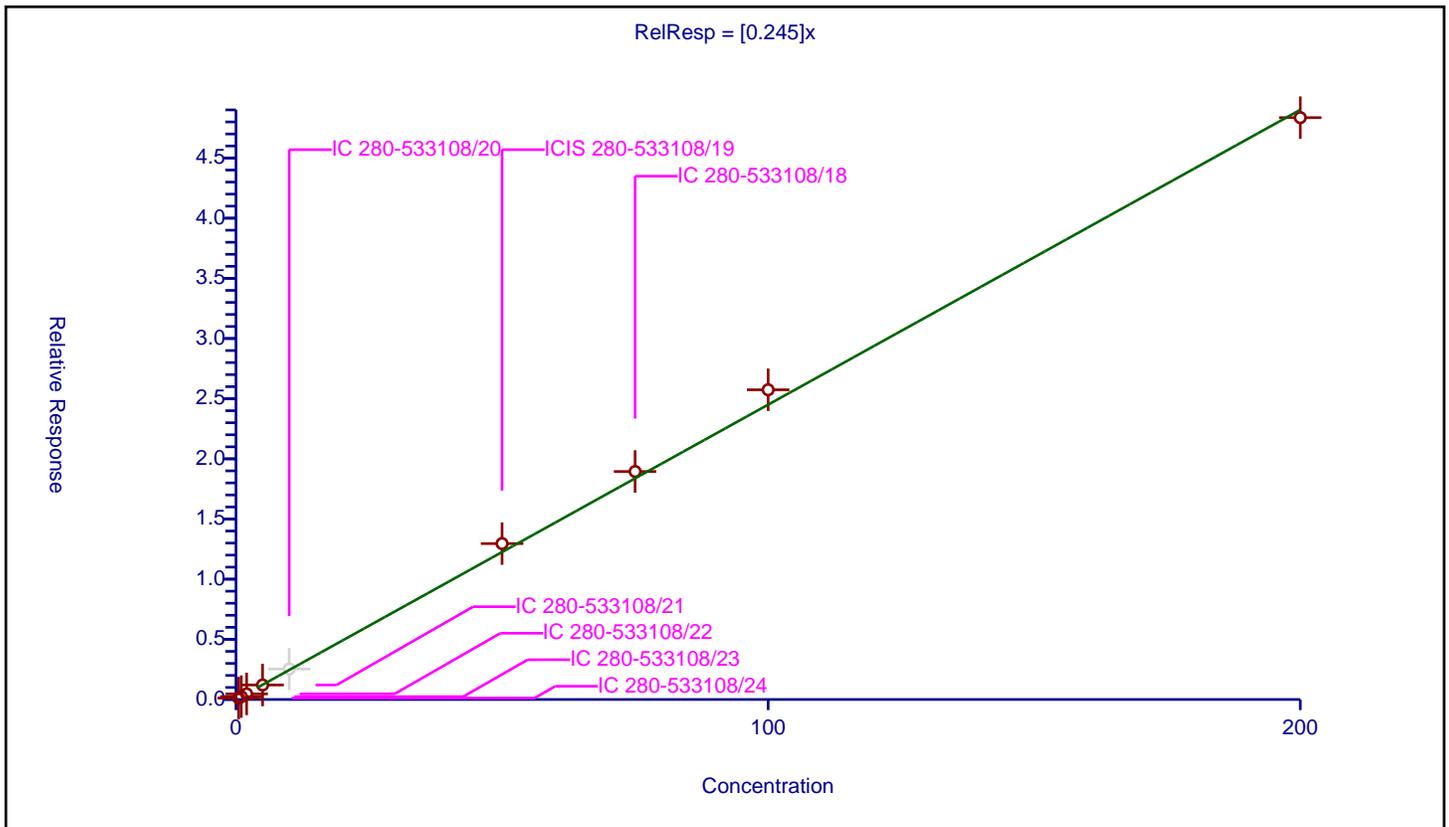
/ Ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.245

Error Coefficients	
Standard Error:	884000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.11826	50.0	1974890.0	0.23652	Y
2	IC 280-533108/23	1.0	0.238388	50.0	1960666.0	0.238388	Y
3	IC 280-533108/22	2.0	0.466474	50.0	1910075.0	0.233237	Y
4	IC 280-533108/21	5.0	1.205523	50.0	1918462.0	0.241105	Y
5	IC 280-533108/20	10.0	2.533431	50.0	1906683.0	0.253343	N
6	ICIS 280-533108/19	50.0	12.956597	50.0	1937785.0	0.259132	Y
7	IC 280-533108/18	75.0	18.947718	50.0	1958468.0	0.252636	Y
8	IC 280-533108/17	100.0	25.739502	50.0	1861421.0	0.257395	Y
9	IC 280-533108/14	200.0	48.35663	50.0	2000615.0	0.241783	Y



**Calibration**

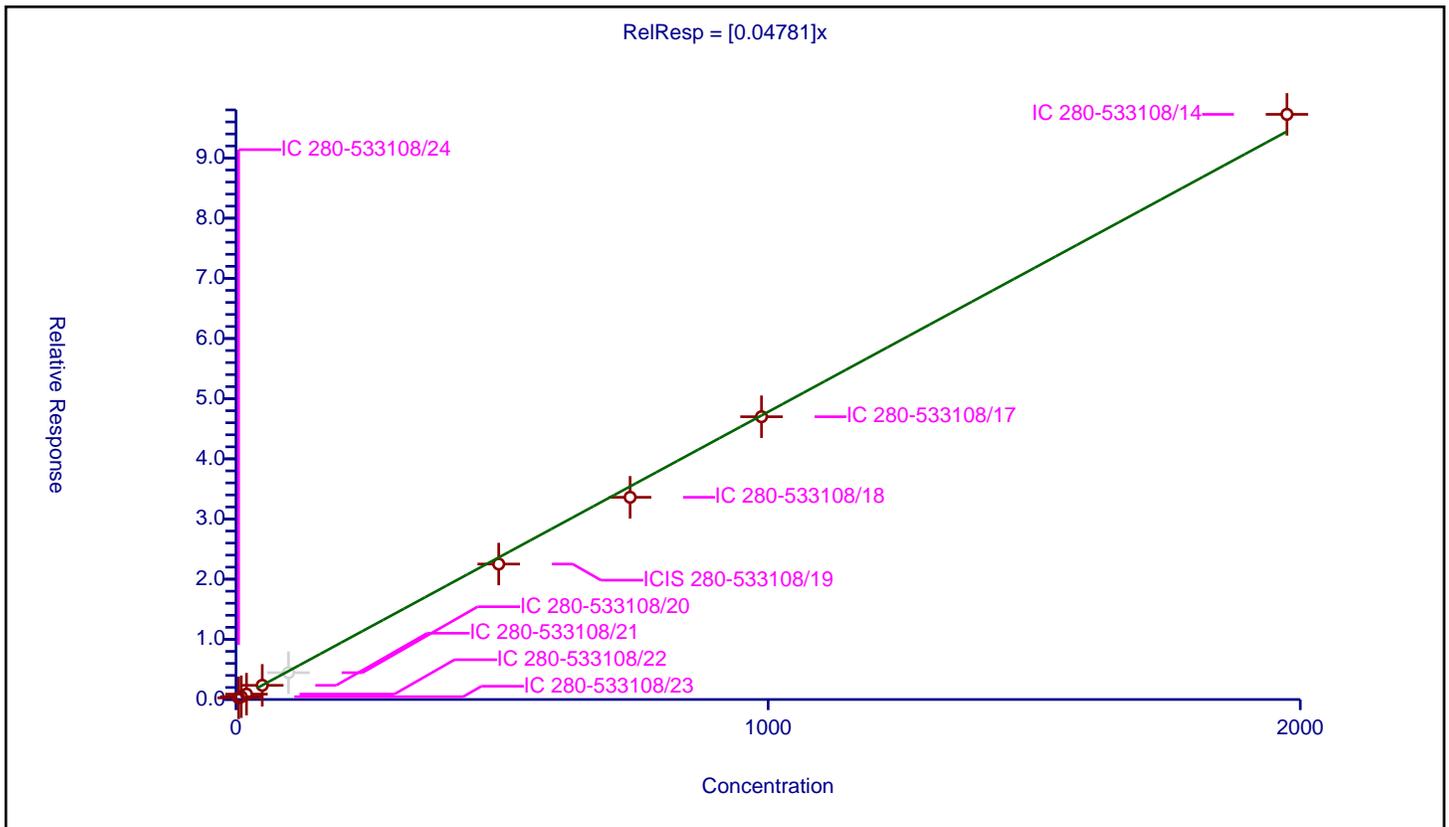
/ Acrolein

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04781

Error Coefficients	
Standard Error:	1720000
Relative Standard Error:	6.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	4.9375	0.270142	50.0	1974890.0	0.054712	Y
2	IC 280-533108/23	9.875	0.46474	50.0	1960666.0	0.047062	Y
3	IC 280-533108/22	19.75	0.892269	50.0	1910075.0	0.045178	Y
4	IC 280-533108/21	49.375	2.354985	50.0	1918462.0	0.047696	Y
5	IC 280-533108/20	98.75	4.456693	50.0	1906683.0	0.045131	N
6	ICIS 280-533108/19	493.75	22.516069	50.0	1937785.0	0.045602	Y
7	IC 280-533108/18	740.625	33.61117	50.0	1958468.0	0.045382	Y
8	IC 280-533108/17	987.5	47.000571	50.0	1861421.0	0.047596	Y
9	IC 280-533108/14	1975.0	97.261592	50.0	2000615.0	0.049246	Y



Calibration

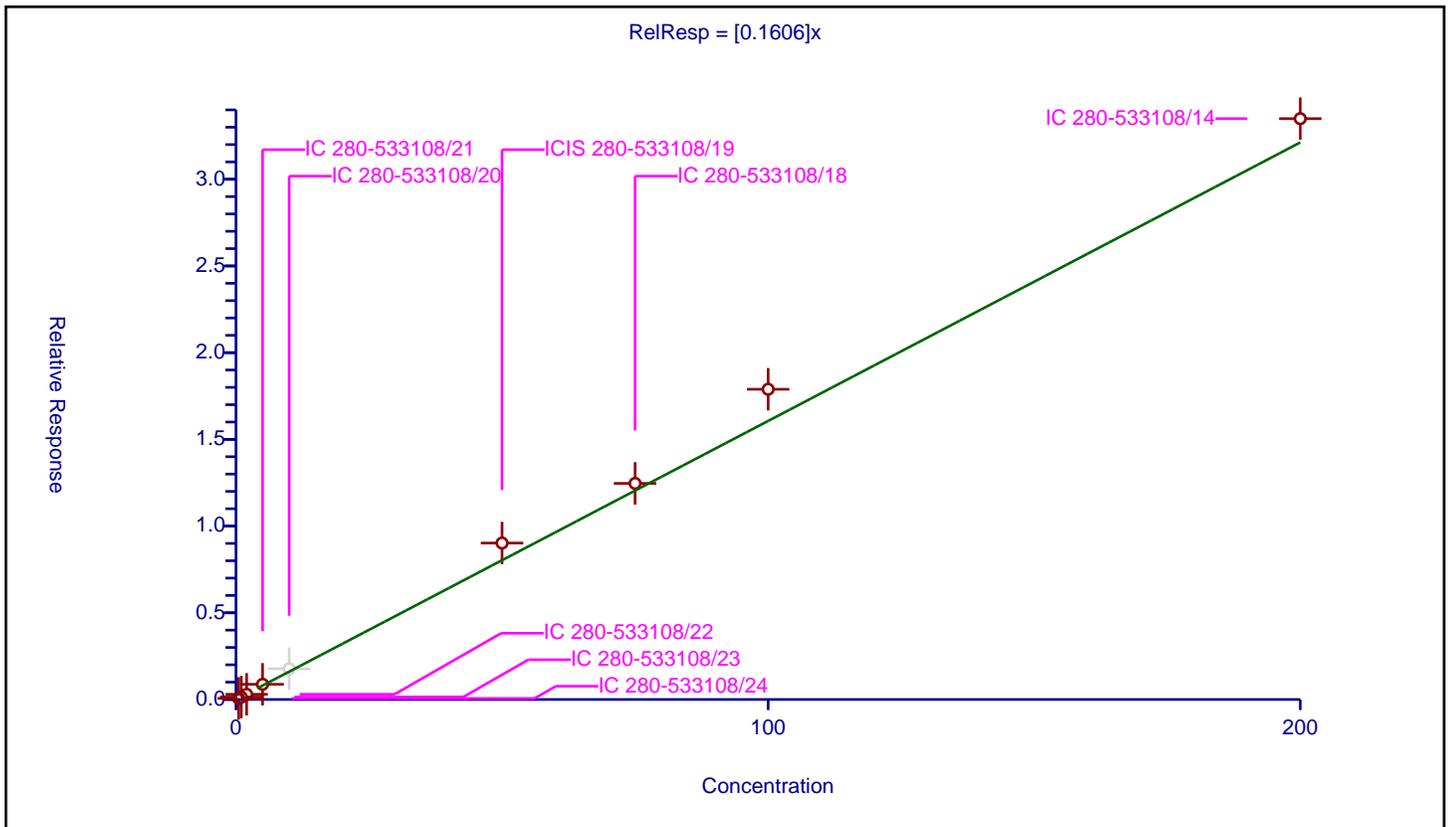
/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1606

Error Coefficients	
Standard Error:	610000
Relative Standard Error:	12.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.062712	50.0	1974890.0	0.125425	Y
2	IC 280-533108/23	1.0	0.141712	50.0	1960666.0	0.141712	Y
3	IC 280-533108/22	2.0	0.298758	50.0	1910075.0	0.149379	Y
4	IC 280-533108/21	5.0	0.877109	50.0	1918462.0	0.175422	Y
5	IC 280-533108/20	10.0	1.773813	50.0	1906683.0	0.177381	N
6	ICIS 280-533108/19	50.0	9.022492	50.0	1937785.0	0.18045	Y
7	IC 280-533108/18	75.0	12.461552	50.0	1958468.0	0.166154	Y
8	IC 280-533108/17	100.0	17.891009	50.0	1861421.0	0.17891	Y
9	IC 280-533108/14	200.0	33.49505	50.0	2000615.0	0.167475	Y



Calibration

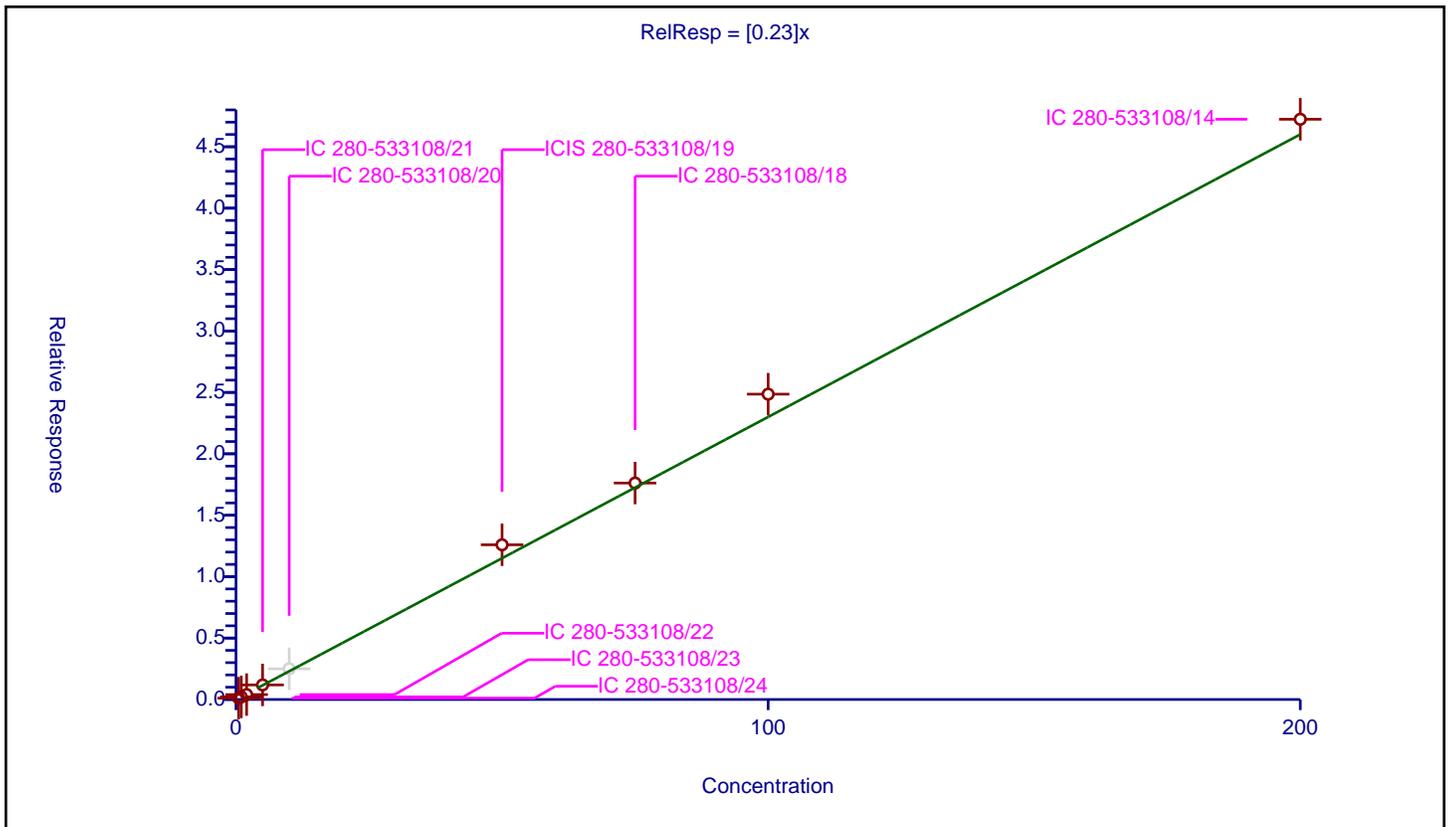
/ 1,1-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.23

Error Coefficients	
Standard Error:	857000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.10988	50.0	1974890.0	0.219759	Y
2	IC 280-533108/23	1.0	0.211561	50.0	1960666.0	0.211561	Y
3	IC 280-533108/22	2.0	0.399696	50.0	1910075.0	0.199848	Y
4	IC 280-533108/21	5.0	1.186862	50.0	1918462.0	0.237372	Y
5	IC 280-533108/20	10.0	2.497583	50.0	1906683.0	0.249758	N
6	ICIS 280-533108/19	50.0	12.595154	50.0	1937785.0	0.251903	Y
7	IC 280-533108/18	75.0	17.621069	50.0	1958468.0	0.234948	Y
8	IC 280-533108/17	100.0	24.858321	50.0	1861421.0	0.248583	Y
9	IC 280-533108/14	200.0	47.237724	50.0	2000615.0	0.236189	Y



Calibration

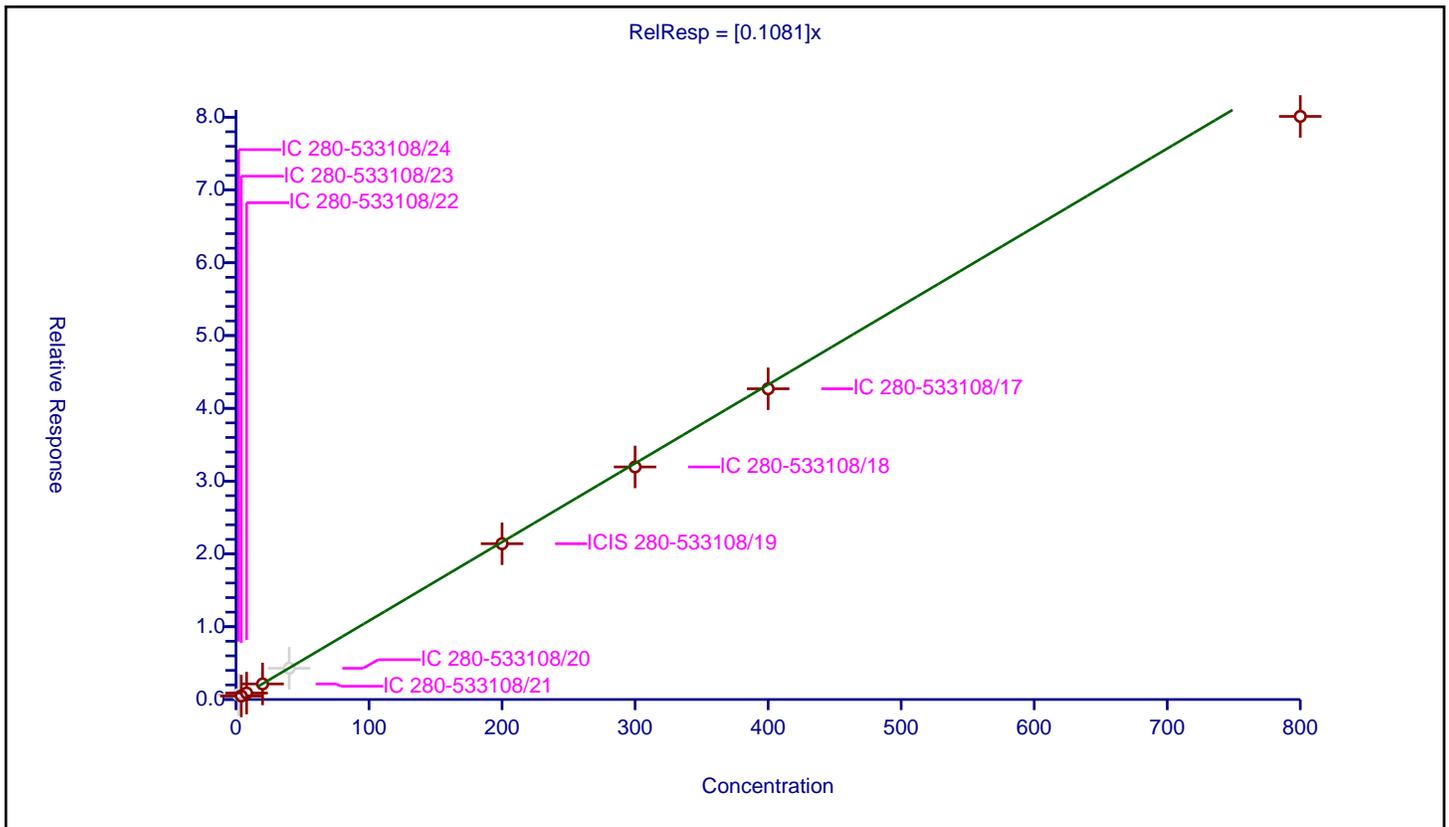
/ Acetone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1081

Error Coefficients	
Standard Error:	1580000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	2.0	0.670847	50.0	1974890.0	0.335424	N
2	IC 280-533108/23	4.0	0.478052	50.0	1960666.0	0.119513	Y
3	IC 280-533108/22	8.0	0.882138	50.0	1910075.0	0.110267	Y
4	IC 280-533108/21	20.0	2.135591	50.0	1918462.0	0.10678	Y
5	IC 280-533108/20	40.0	4.287393	50.0	1906683.0	0.107185	N
6	ICIS 280-533108/19	200.0	21.397678	50.0	1937785.0	0.106988	Y
7	IC 280-533108/18	300.0	31.949284	50.0	1958468.0	0.106498	Y
8	IC 280-533108/17	400.0	42.688274	50.0	1861421.0	0.106721	Y
9	IC 280-533108/14	800.0	80.108017	50.0	2000615.0	0.100135	Y



**Calibration**

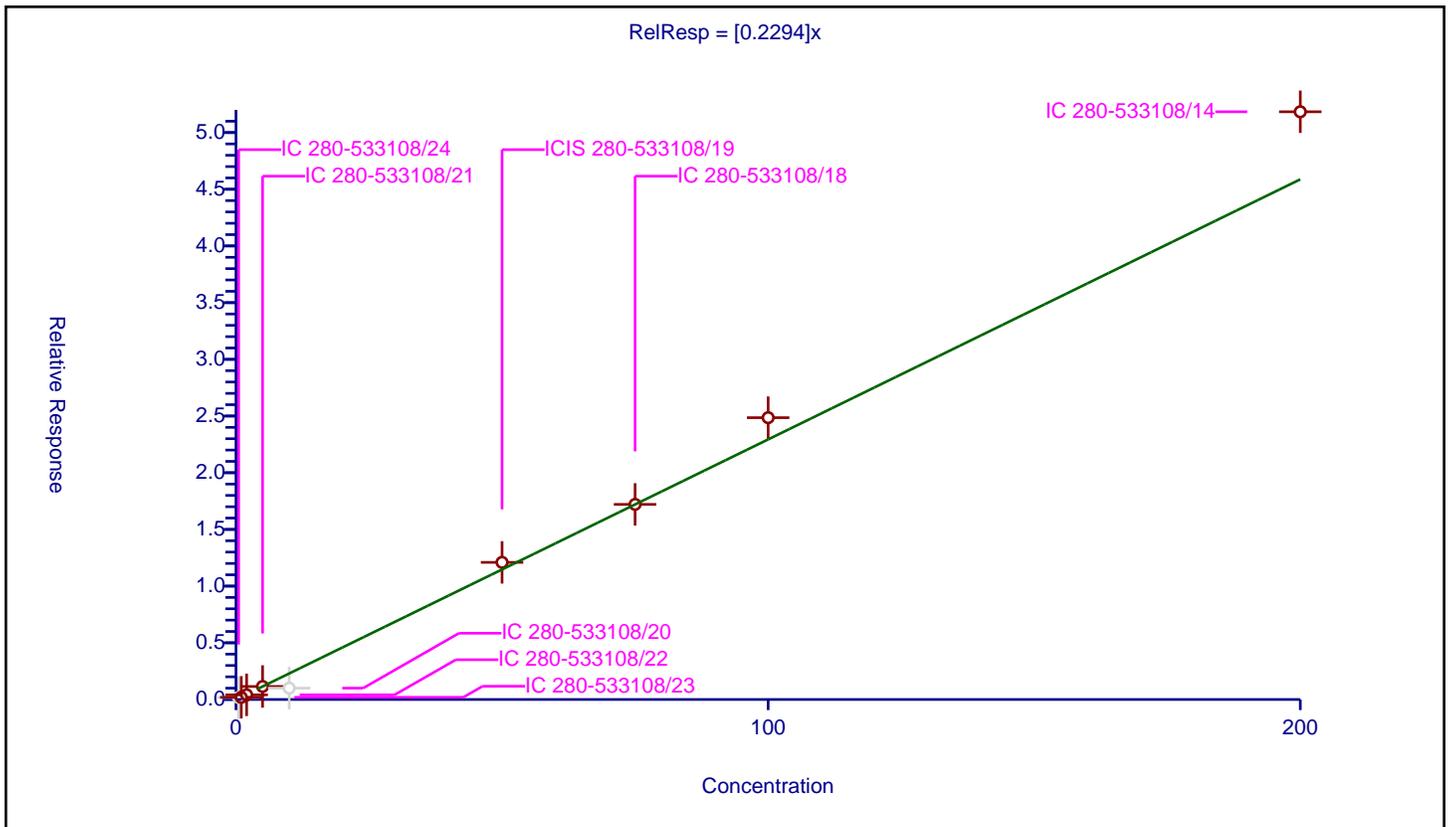
/ Iodomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2294

Error Coefficients	
Standard Error:	986000
Relative Standard Error:	10.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.174516	50.0	1974890.0	0.349032	N
2	IC 280-533108/23	1.0	0.191772	50.0	1960666.0	0.191772	Y
3	IC 280-533108/22	2.0	0.410429	50.0	1910075.0	0.205214	Y
4	IC 280-533108/21	5.0	1.147847	50.0	1918462.0	0.229569	Y
5	IC 280-533108/20	10.0	1.003077	50.0	1906683.0	0.100308	N
6	ICIS 280-533108/19	50.0	12.092802	50.0	1937785.0	0.241856	Y
7	IC 280-533108/18	75.0	17.207991	50.0	1958468.0	0.22944	Y
8	IC 280-533108/17	100.0	24.854238	50.0	1861421.0	0.248542	Y
9	IC 280-533108/14	200.0	51.833036	50.0	2000615.0	0.259165	Y



**Calibration**

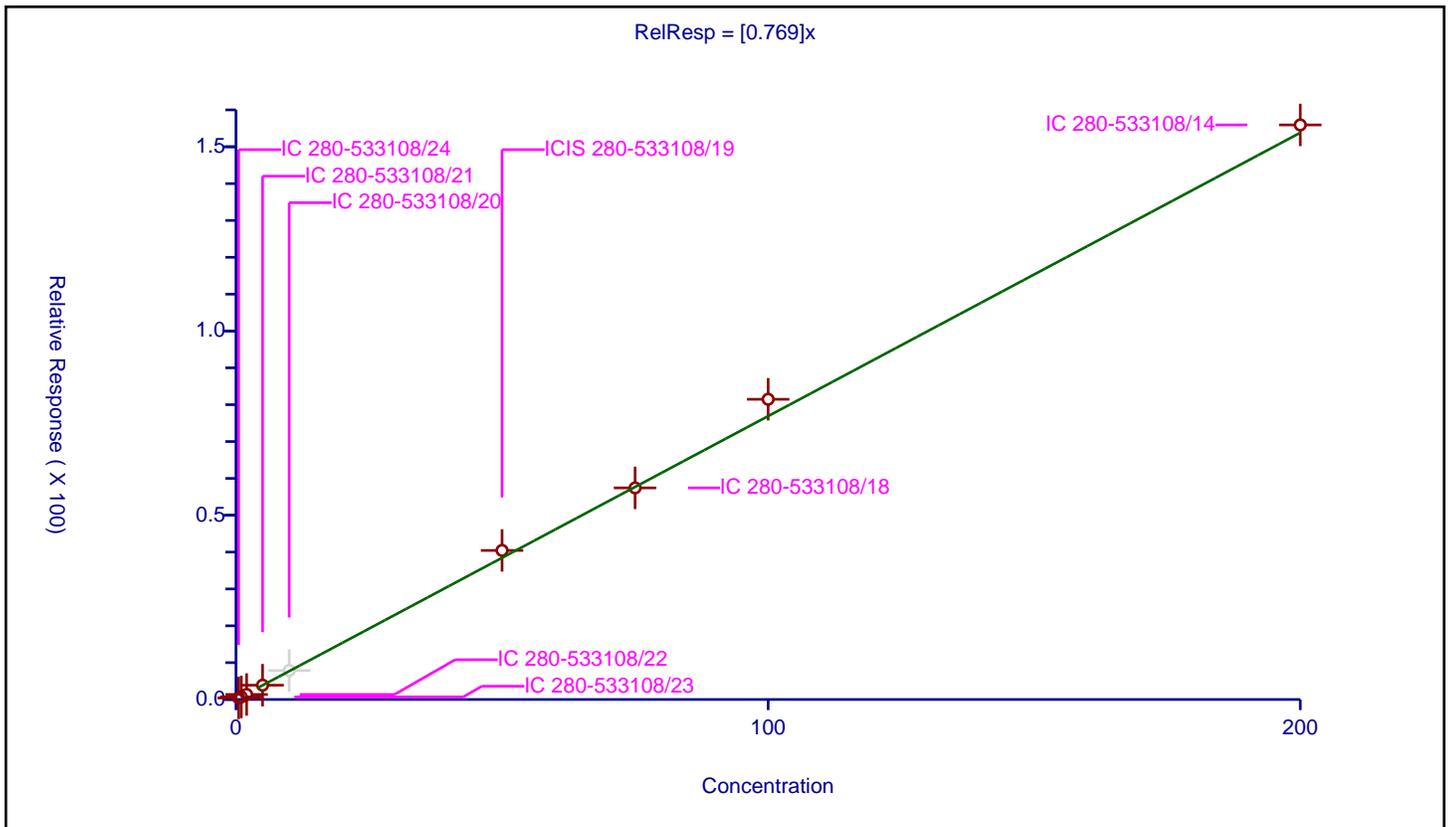
/ Carbon disulfide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.769

Error Coefficients	
Standard Error:	2820000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.414504	50.0	1974890.0	0.829008	Y
2	IC 280-533108/23	1.0	0.697008	50.0	1960666.0	0.697008	Y
3	IC 280-533108/22	2.0	1.361151	50.0	1910075.0	0.680575	Y
4	IC 280-533108/21	5.0	3.881625	50.0	1918462.0	0.776325	Y
5	IC 280-533108/20	10.0	7.862293	50.0	1906683.0	0.786229	N
6	ICIS 280-533108/19	50.0	40.449973	50.0	1937785.0	0.808999	Y
7	IC 280-533108/18	75.0	57.419473	50.0	1958468.0	0.765593	Y
8	IC 280-533108/17	100.0	81.466122	50.0	1861421.0	0.814661	Y
9	IC 280-533108/14	200.0	155.920205	50.0	2000615.0	0.779601	Y



**Calibration**

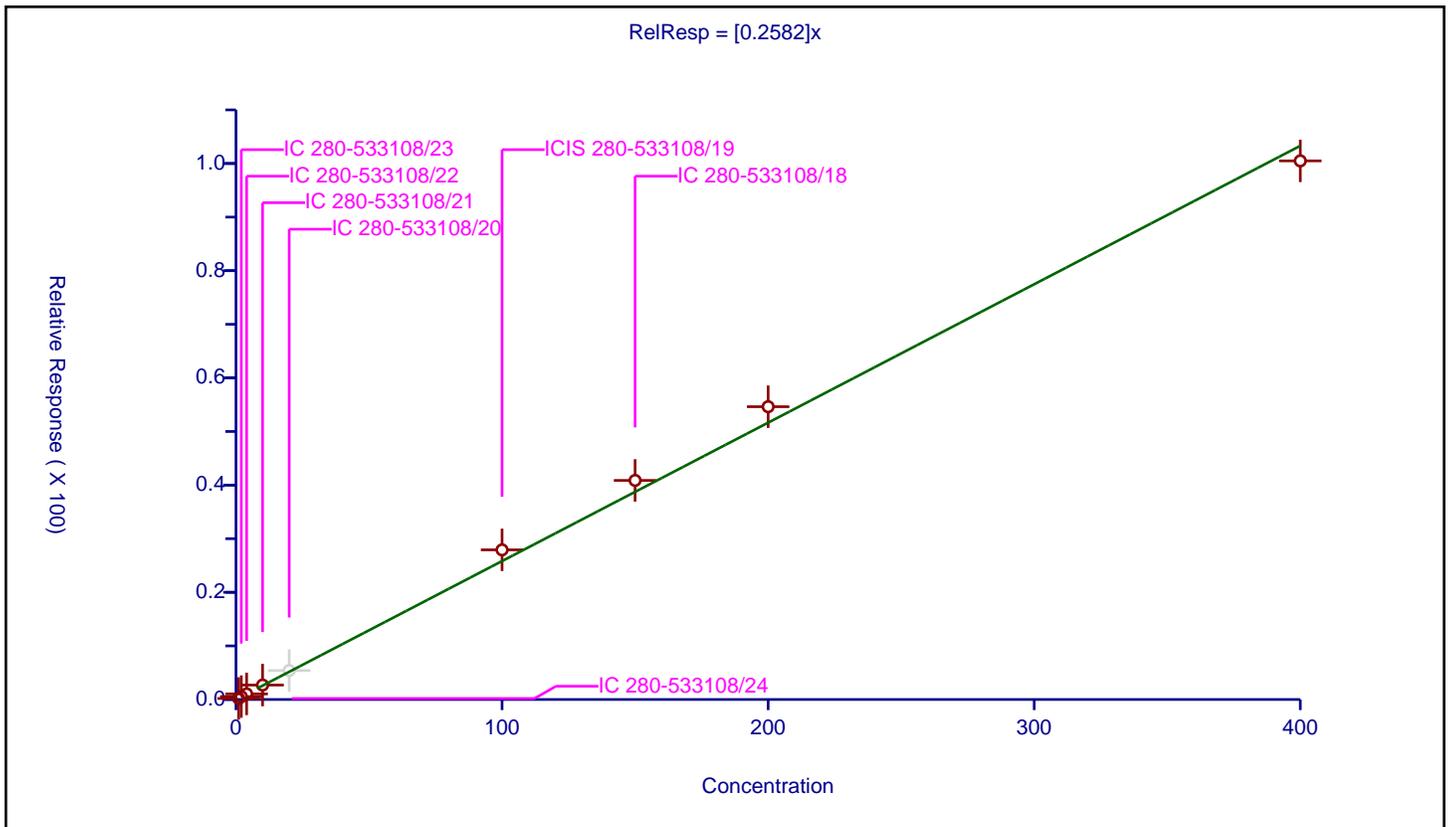
**/ Methyl acetate**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
<b>Intercept:</b>	0
<b>Slope:</b>	0.2582

Error Coefficients	
<b>Standard Error:</b>	1850000
<b>Relative Standard Error:</b>	11.1
<b>Correlation Coefficient:</b>	0.999
<b>Coefficient of Determination (Adjusted):</b>	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	1.0	0.190593	50.0	1974890.0	0.190593	Y
2	IC 280-533108/23	2.0	0.539256	50.0	1960666.0	0.269628	Y
3	IC 280-533108/22	4.0	1.041634	50.0	1910075.0	0.260409	Y
4	IC 280-533108/21	10.0	2.692157	50.0	1918462.0	0.269216	Y
5	IC 280-533108/20	20.0	5.397095	50.0	1906683.0	0.269855	N
6	ICIS 280-533108/19	100.0	27.917003	50.0	1937785.0	0.27917	Y
7	IC 280-533108/18	150.0	40.873223	50.0	1958468.0	0.272488	Y
8	IC 280-533108/17	200.0	54.625848	50.0	1861421.0	0.273129	Y
9	IC 280-533108/14	400.0	100.48935	50.0	2000615.0	0.251223	Y



Calibration

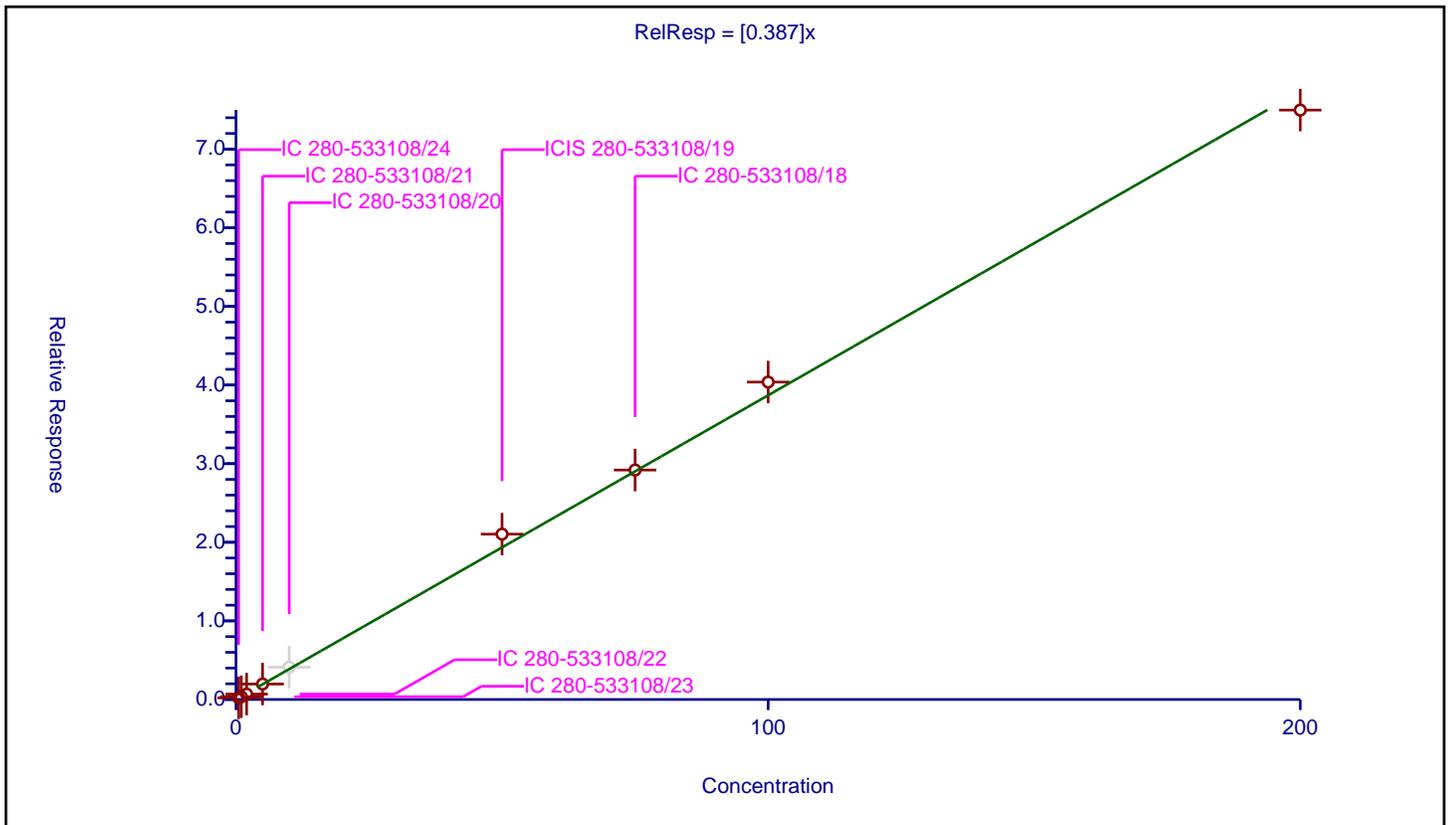
/ 3-Chloro-1-propene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.387

Error Coefficients	
Standard Error:	1380000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.208872	50.0	1974890.0	0.417745	Y
2	IC 280-533108/23	1.0	0.352355	50.0	1960666.0	0.352355	Y
3	IC 280-533108/22	2.0	0.686963	50.0	1910075.0	0.343481	Y
4	IC 280-533108/21	5.0	1.967383	50.0	1918462.0	0.393477	Y
5	IC 280-533108/20	10.0	4.106503	50.0	1906683.0	0.41065	N
6	ICIS 280-533108/19	50.0	21.035873	50.0	1937785.0	0.420717	Y
7	IC 280-533108/18	75.0	29.191822	50.0	1958468.0	0.389224	Y
8	IC 280-533108/17	100.0	40.379071	50.0	1861421.0	0.403791	Y
9	IC 280-533108/14	200.0	74.974945	50.0	2000615.0	0.374875	Y



**Calibration**

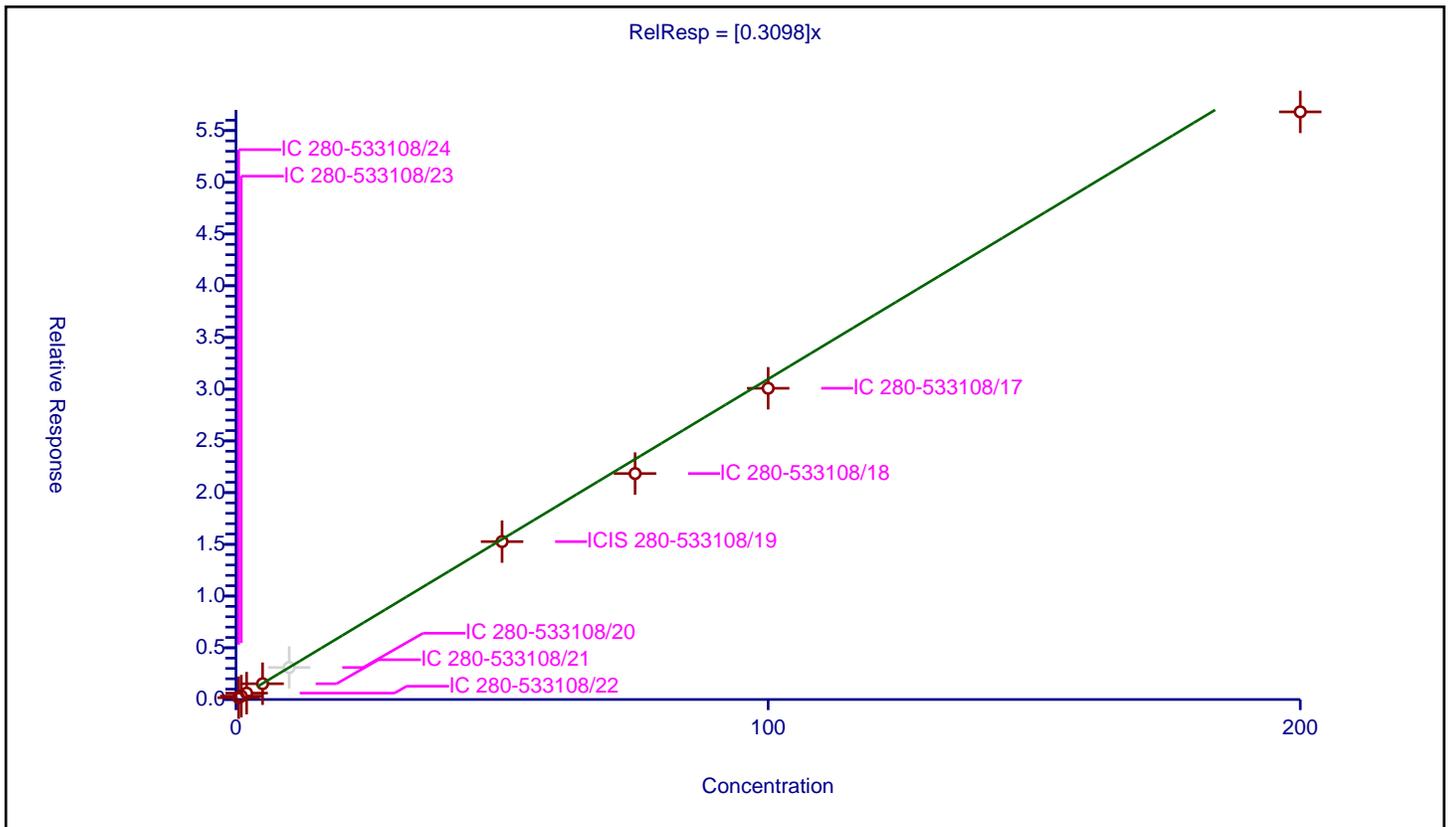
**/ Methylene Chloride**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
<b>Intercept:</b>	0
<b>Slope:</b>	0.3098

Error Coefficients	
<b>Standard Error:</b>	1040000
<b>Relative Standard Error:</b>	7.0
<b>Correlation Coefficient:</b>	1.000
<b>Coefficient of Determination (Adjusted):</b>	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.175402	50.0	1974890.0	0.350804	Y
2	IC 280-533108/23	1.0	0.332285	50.0	1960666.0	0.332285	Y
3	IC 280-533108/22	2.0	0.617358	50.0	1910075.0	0.308679	Y
4	IC 280-533108/21	5.0	1.524607	50.0	1918462.0	0.304921	Y
5	IC 280-533108/20	10.0	3.091573	50.0	1906683.0	0.309157	N
6	ICIS 280-533108/19	50.0	15.263406	50.0	1937785.0	0.305268	Y
7	IC 280-533108/18	75.0	21.844166	50.0	1958468.0	0.291256	Y
8	IC 280-533108/17	100.0	30.088492	50.0	1861421.0	0.300885	Y
9	IC 280-533108/14	200.0	56.808781	50.0	2000615.0	0.284044	Y



Calibration

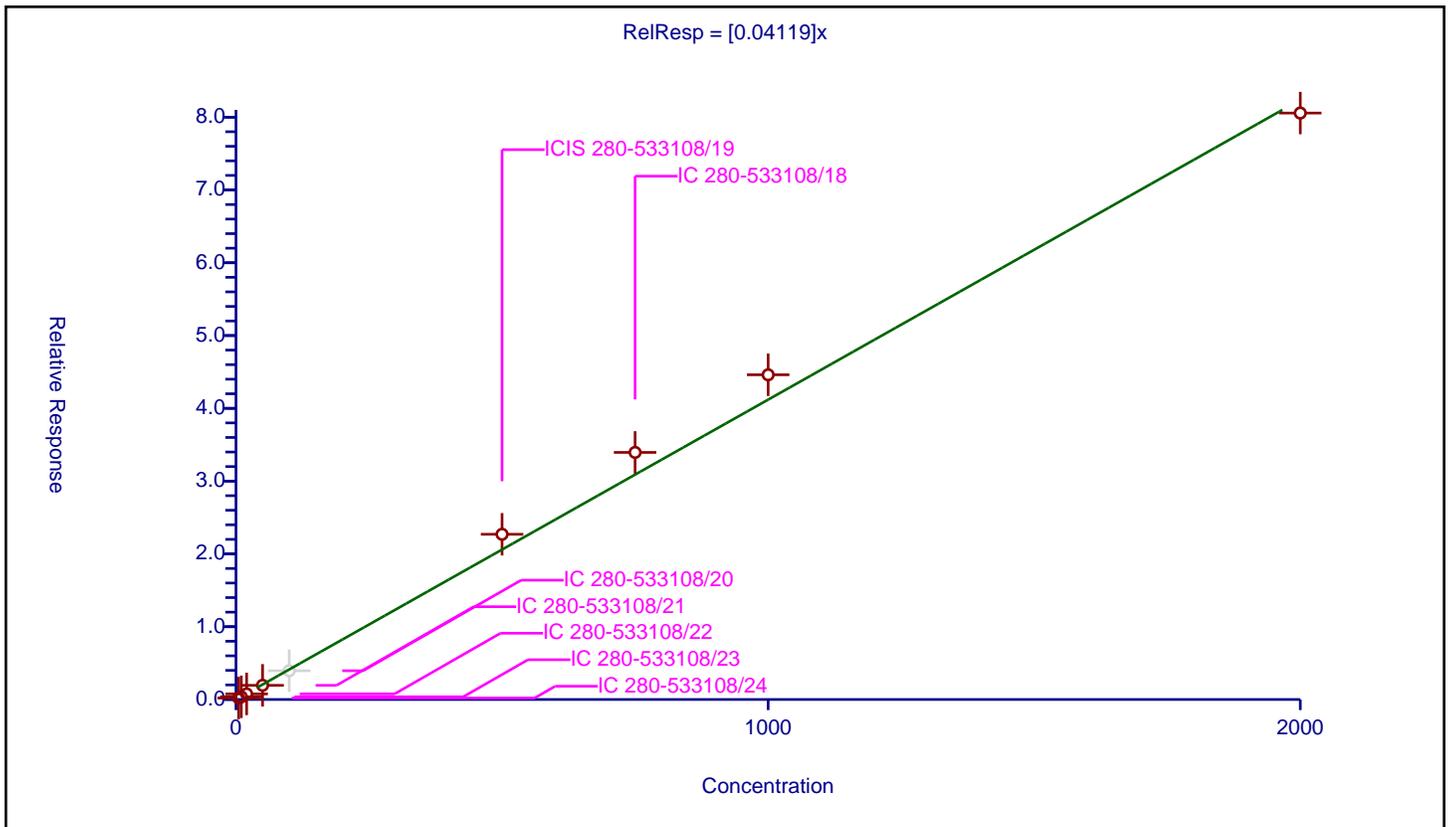
/ 2-Methyl-2-propanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04119

Error Coefficients	
Standard Error:	1500000
Relative Standard Error:	8.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	5.0	0.198998	50.0	1974890.0	0.0398	Y
2	IC 280-533108/23	10.0	0.369696	50.0	1960666.0	0.03697	Y
3	IC 280-533108/22	20.0	0.765232	50.0	1910075.0	0.038262	Y
4	IC 280-533108/21	50.0	1.947993	50.0	1918462.0	0.03896	Y
5	IC 280-533108/20	100.0	3.949739	50.0	1906683.0	0.039497	N
6	ICIS 280-533108/19	500.0	22.700609	50.0	1937785.0	0.045401	Y
7	IC 280-533108/18	750.0	33.942372	50.0	1958468.0	0.045256	Y
8	IC 280-533108/17	1000.0	44.60799	50.0	1861421.0	0.044608	Y
9	IC 280-533108/14	2000.0	80.564876	50.0	2000615.0	0.040282	Y



Calibration

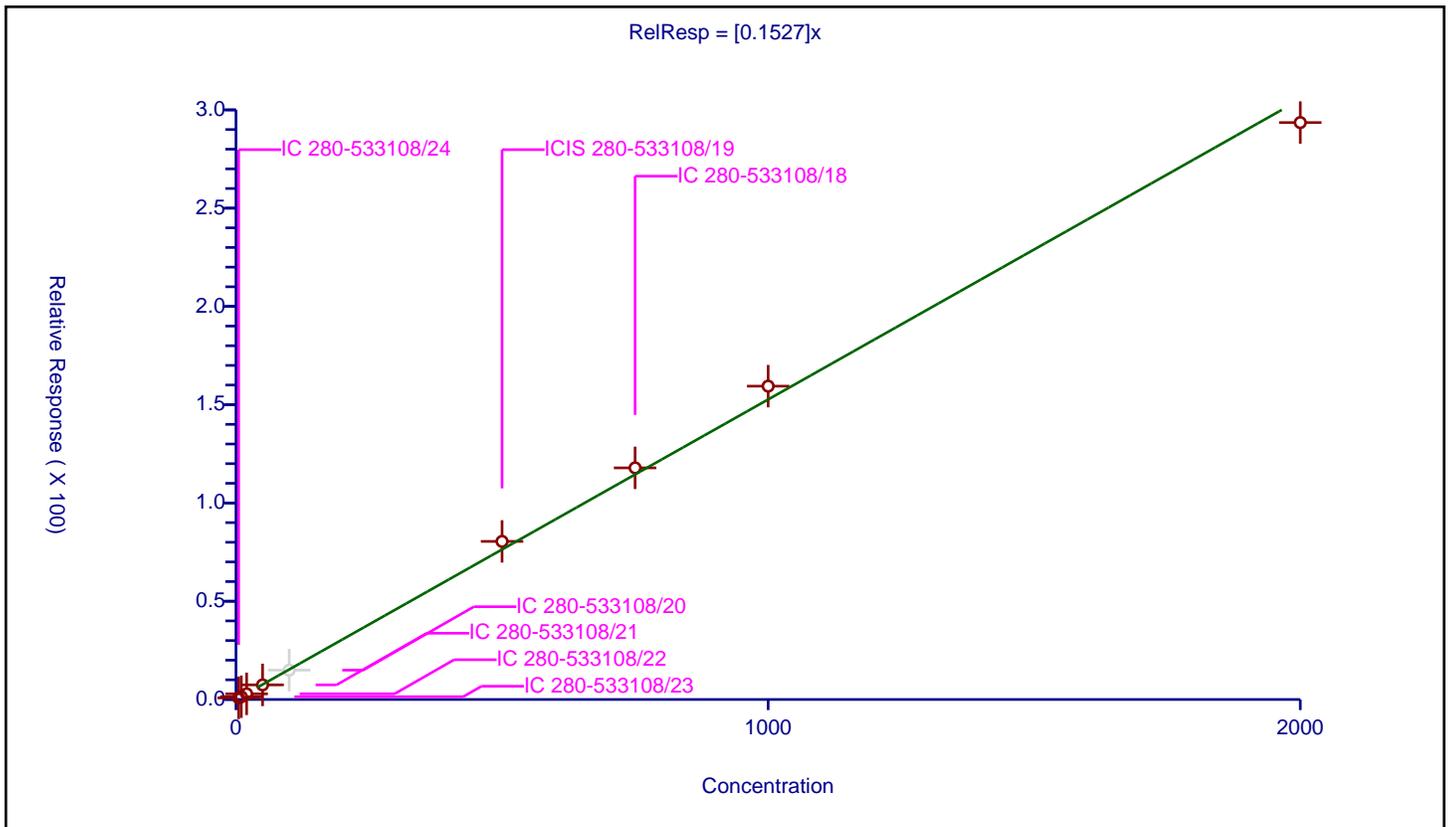
/ Acrylonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1527

Error Coefficients	
Standard Error:	5400000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	5.0	0.811286	50.0	1974890.0	0.162257	Y
2	IC 280-533108/23	10.0	1.421634	50.0	1960666.0	0.142163	Y
3	IC 280-533108/22	20.0	2.8785	50.0	1910075.0	0.143925	Y
4	IC 280-533108/21	50.0	7.433585	50.0	1918462.0	0.148672	Y
5	IC 280-533108/20	100.0	14.927022	50.0	1906683.0	0.14927	N
6	ICIS 280-533108/19	500.0	80.445483	50.0	1937785.0	0.160891	Y
7	IC 280-533108/18	750.0	117.854696	50.0	1958468.0	0.15714	Y
8	IC 280-533108/17	1000.0	159.435936	50.0	1861421.0	0.159436	Y
9	IC 280-533108/14	2000.0	293.544435	50.0	2000615.0	0.146772	Y



**Calibration**

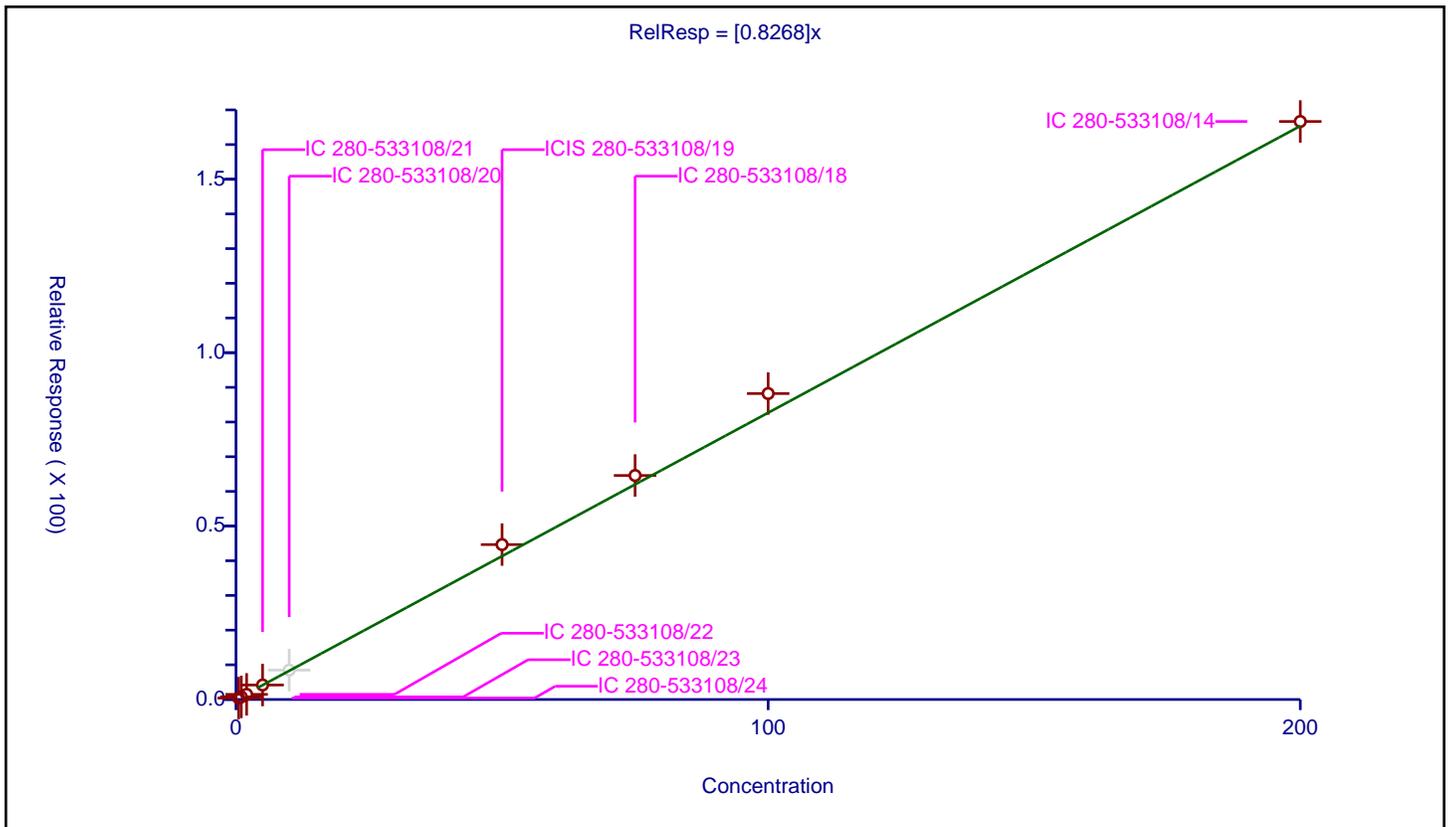
**/ Methyl tert-butyl ether**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8268

Error Coefficients	
Standard Error:	3040000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.407871	50.0	1974890.0	0.815742	Y
2	IC 280-533108/23	1.0	0.753009	50.0	1960666.0	0.753009	Y
3	IC 280-533108/22	2.0	1.479366	50.0	1910075.0	0.739683	Y
4	IC 280-533108/21	5.0	4.178973	50.0	1918462.0	0.835795	Y
5	IC 280-533108/20	10.0	8.476343	50.0	1906683.0	0.847634	N
6	ICIS 280-533108/19	50.0	44.662746	50.0	1937785.0	0.893255	Y
7	IC 280-533108/18	75.0	64.587576	50.0	1958468.0	0.861168	Y
8	IC 280-533108/17	100.0	88.213789	50.0	1861421.0	0.882138	Y
9	IC 280-533108/14	200.0	166.656828	50.0	2000615.0	0.833284	Y



Calibration

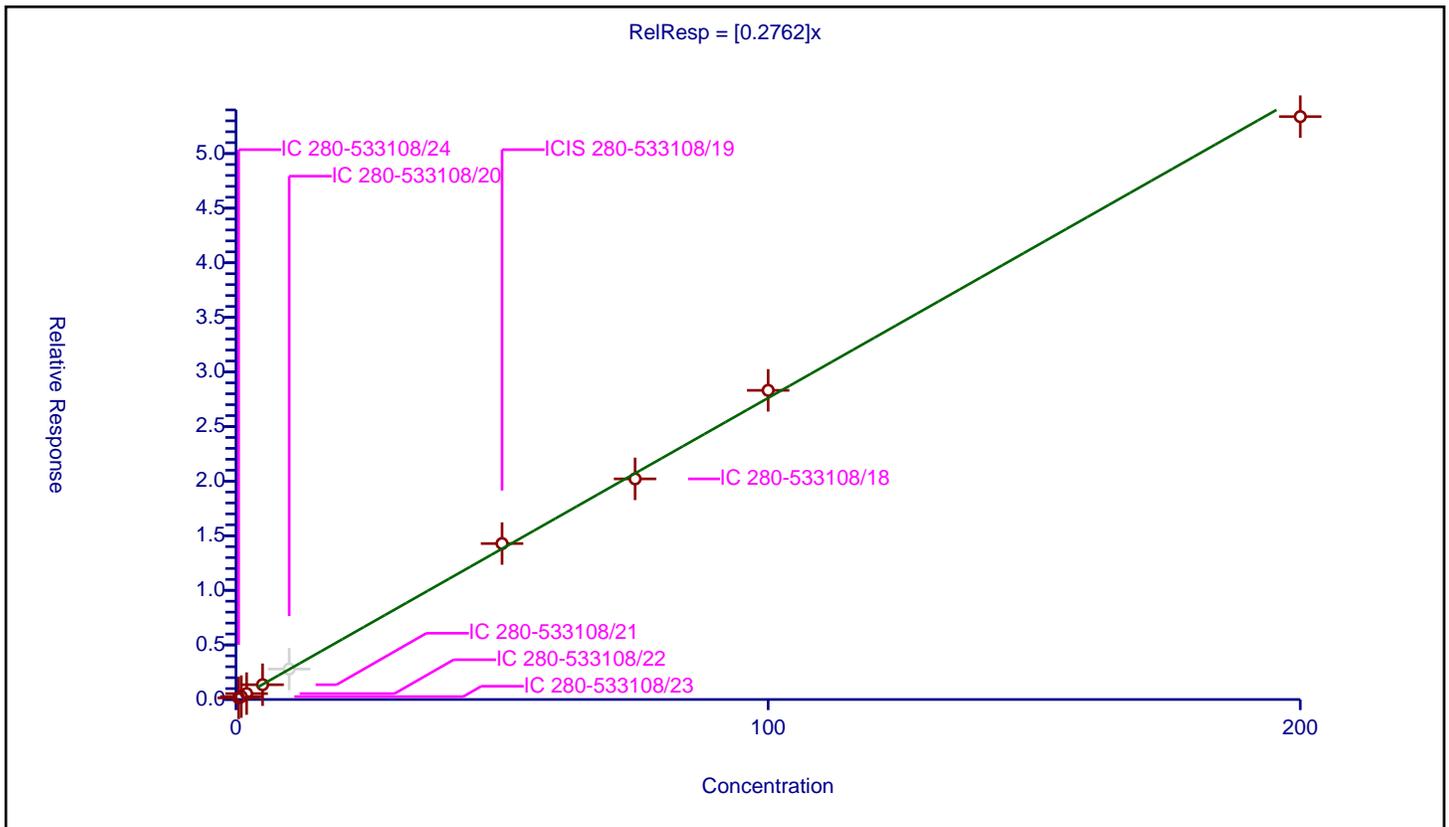
/ trans-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2762

Error Coefficients	
Standard Error:	972000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.147932	50.0	1974890.0	0.295865	Y
2	IC 280-533108/23	1.0	0.266797	50.0	1960666.0	0.266797	Y
3	IC 280-533108/22	2.0	0.541471	50.0	1910075.0	0.270735	Y
4	IC 280-533108/21	5.0	1.354184	50.0	1918462.0	0.270837	Y
5	IC 280-533108/20	10.0	2.789216	50.0	1906683.0	0.278922	N
6	ICIS 280-533108/19	50.0	14.28257	50.0	1937785.0	0.285651	Y
7	IC 280-533108/18	75.0	20.20684	50.0	1958468.0	0.269425	Y
8	IC 280-533108/17	100.0	28.315249	50.0	1861421.0	0.283152	Y
9	IC 280-533108/14	200.0	53.384034	50.0	2000615.0	0.26692	Y



Calibration

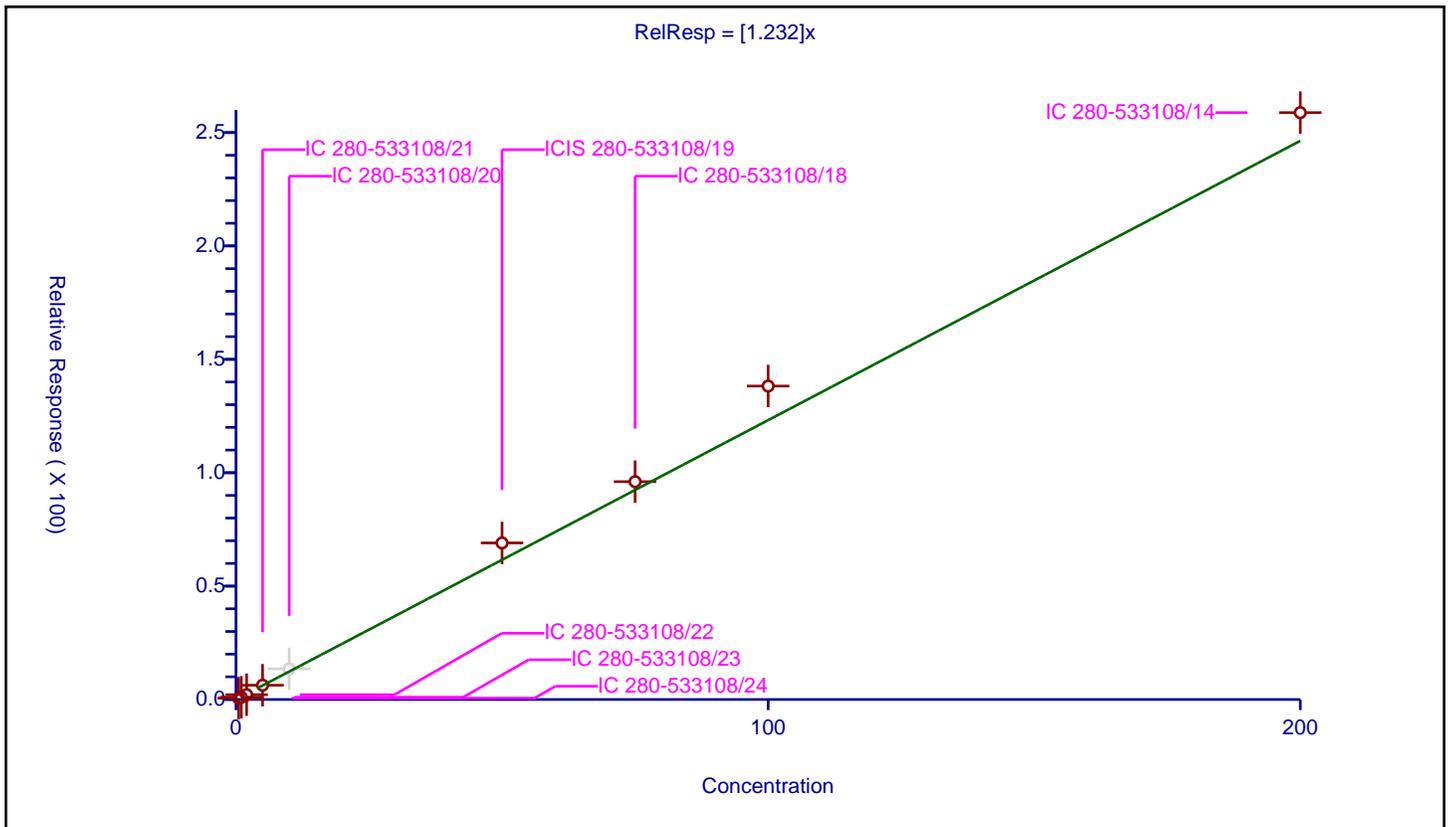
/ Hexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.232

Error Coefficients	
Standard Error:	1430000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.590044	50.0	600379.0	1.180088	Y
2	IC 280-533108/23	1.0	1.014685	50.0	595357.0	1.014685	Y
3	IC 280-533108/22	2.0	2.121504	50.0	574333.0	1.060752	Y
4	IC 280-533108/21	5.0	6.302211	50.0	572791.0	1.260442	Y
5	IC 280-533108/20	10.0	13.498006	50.0	569310.0	1.349801	N
6	ICIS 280-533108/19	50.0	69.037494	50.0	585513.0	1.38075	Y
7	IC 280-533108/18	75.0	96.0628	50.0	586305.0	1.280837	Y
8	IC 280-533108/17	100.0	138.221934	50.0	558725.0	1.382219	Y
9	IC 280-533108/14	200.0	258.790723	50.0	612407.0	1.293954	Y



**Calibration**

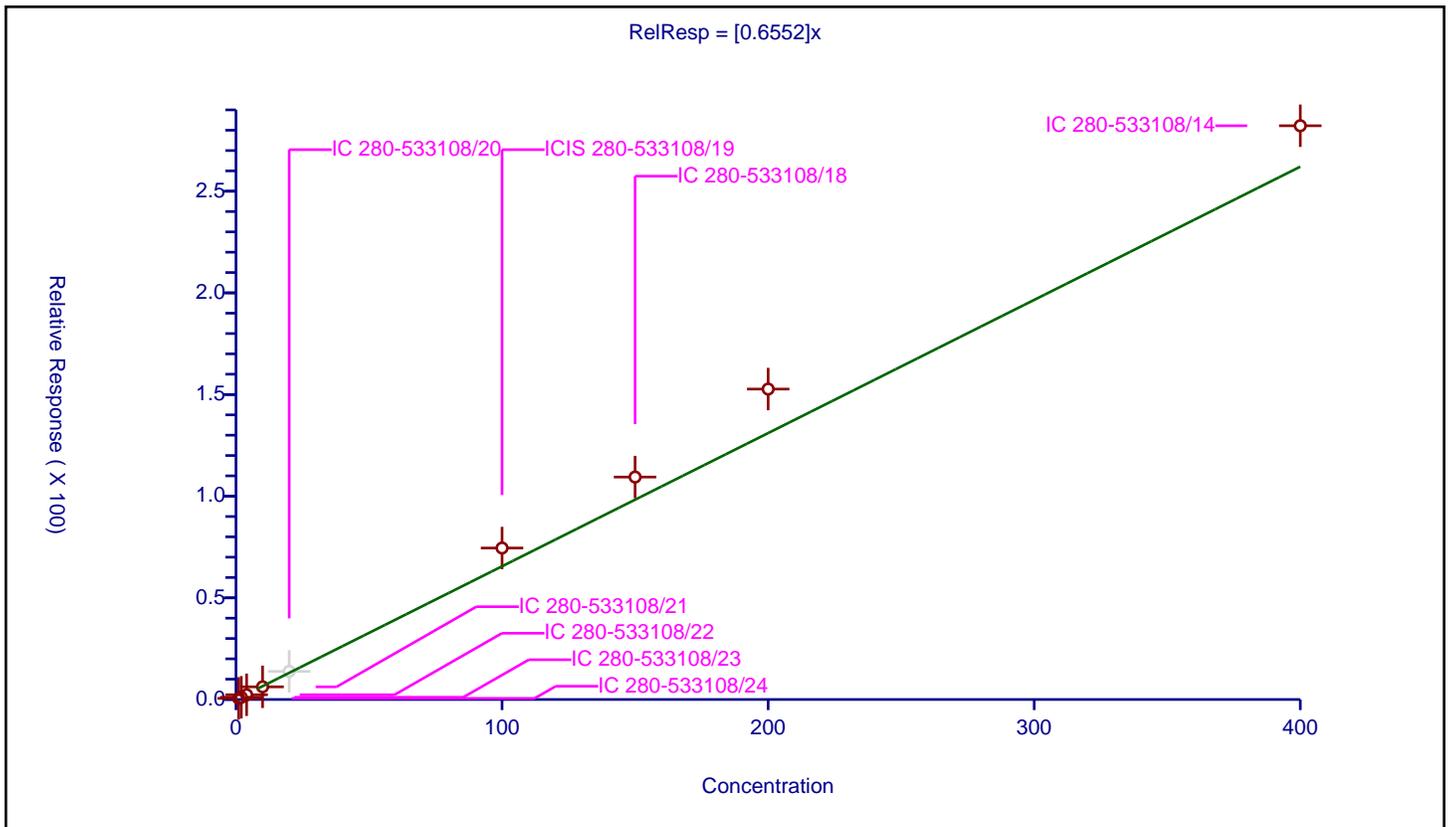
/ Vinyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6552

Error Coefficients	
Standard Error:	5160000
Relative Standard Error:	13.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	1.0	0.549195	50.0	1974890.0	0.549195	Y
2	IC 280-533108/23	2.0	1.087896	50.0	1960666.0	0.543948	Y
3	IC 280-533108/22	4.0	2.329306	50.0	1910075.0	0.582327	Y
4	IC 280-533108/21	10.0	6.224986	50.0	1918462.0	0.622499	Y
5	IC 280-533108/20	20.0	13.812653	50.0	1906683.0	0.690633	N
6	ICIS 280-533108/19	100.0	74.497816	50.0	1937785.0	0.744978	Y
7	IC 280-533108/18	150.0	109.416697	50.0	1958468.0	0.729445	Y
8	IC 280-533108/17	200.0	152.687463	50.0	1861421.0	0.763437	Y
9	IC 280-533108/14	400.0	282.19525	50.0	2000615.0	0.705488	Y



Calibration

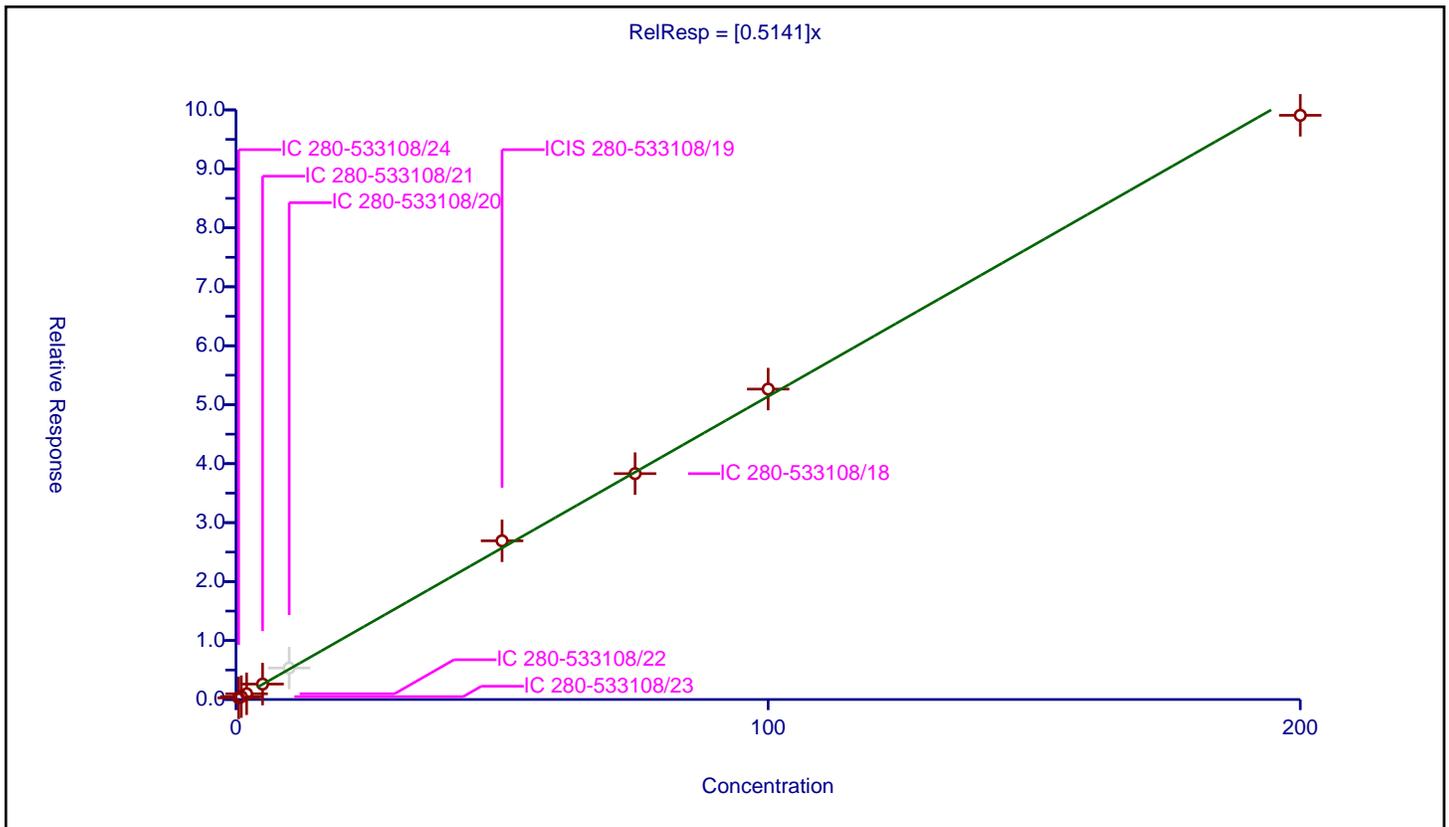
/ 1,1-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5141

Error Coefficients	
Standard Error:	1810000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.272116	50.0	1974890.0	0.544233	Y
2	IC 280-533108/23	1.0	0.489936	50.0	1960666.0	0.489936	Y
3	IC 280-533108/22	2.0	0.969177	50.0	1910075.0	0.484588	Y
4	IC 280-533108/21	5.0	2.614073	50.0	1918462.0	0.522815	Y
5	IC 280-533108/20	10.0	5.338905	50.0	1906683.0	0.533891	N
6	ICIS 280-533108/19	50.0	26.910906	50.0	1937785.0	0.538218	Y
7	IC 280-533108/18	75.0	38.308464	50.0	1958468.0	0.51078	Y
8	IC 280-533108/17	100.0	52.647091	50.0	1861421.0	0.526471	Y
9	IC 280-533108/14	200.0	99.081882	50.0	2000615.0	0.495409	Y



**Calibration**

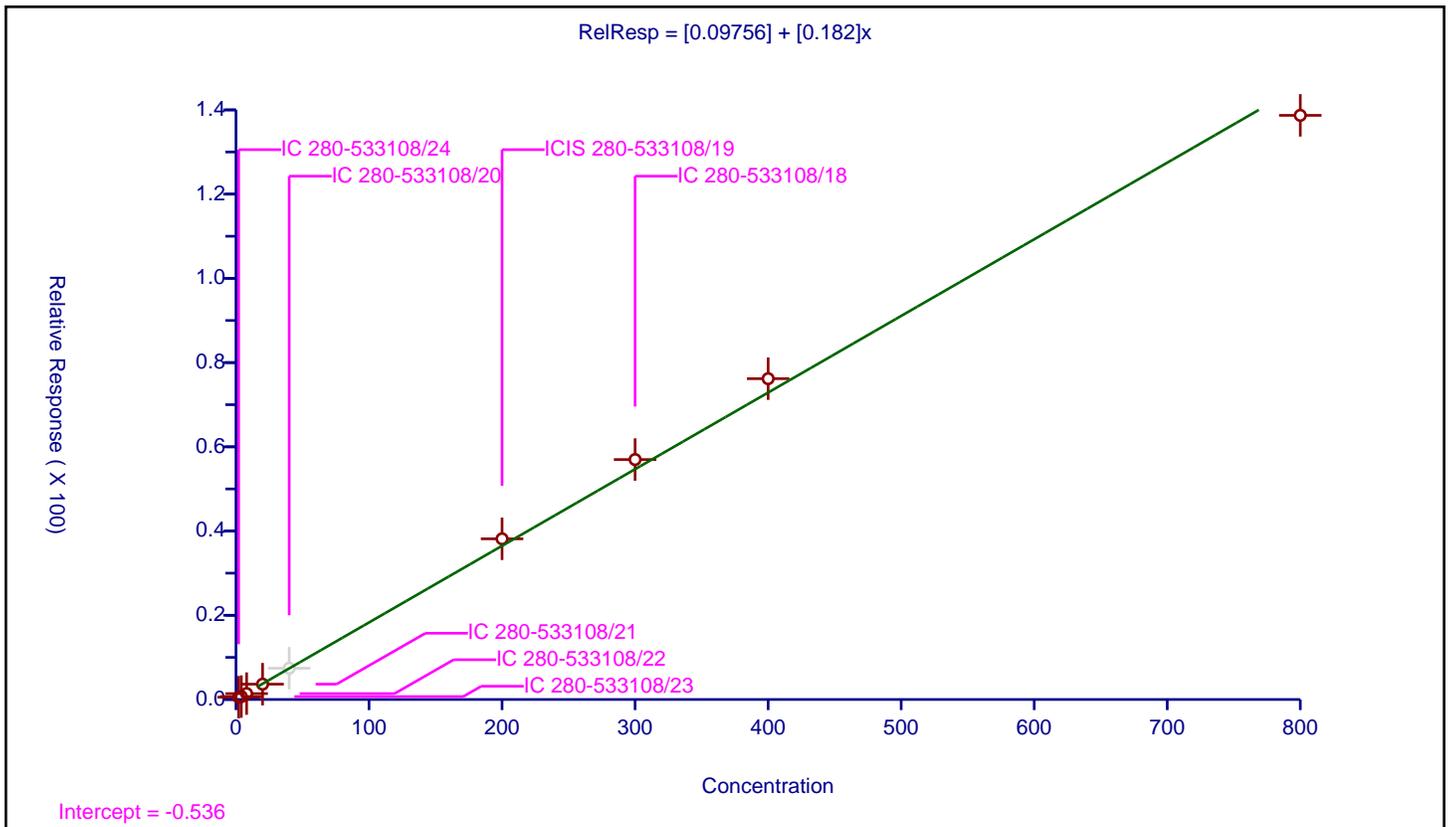
**/ 2-Butanone (MEK)**

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.09756
Slope:	0.182

Error Coefficients	
Standard Error:	2770000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	2.0	0.541752	50.0	1974890.0	0.270876	Y
2	IC 280-533108/23	4.0	0.696855	50.0	1960666.0	0.174214	Y
3	IC 280-533108/22	8.0	1.403767	50.0	1910075.0	0.175471	Y
4	IC 280-533108/21	20.0	3.640312	50.0	1918462.0	0.182016	Y
5	IC 280-533108/20	40.0	7.422471	50.0	1906683.0	0.185562	N
6	ICIS 280-533108/19	200.0	38.148505	50.0	1937785.0	0.190743	Y
7	IC 280-533108/18	300.0	56.978005	50.0	1958468.0	0.189927	Y
8	IC 280-533108/17	400.0	76.180509	50.0	1861421.0	0.190451	Y
9	IC 280-533108/14	800.0	138.703174	50.0	2000615.0	0.173379	Y



Calibration

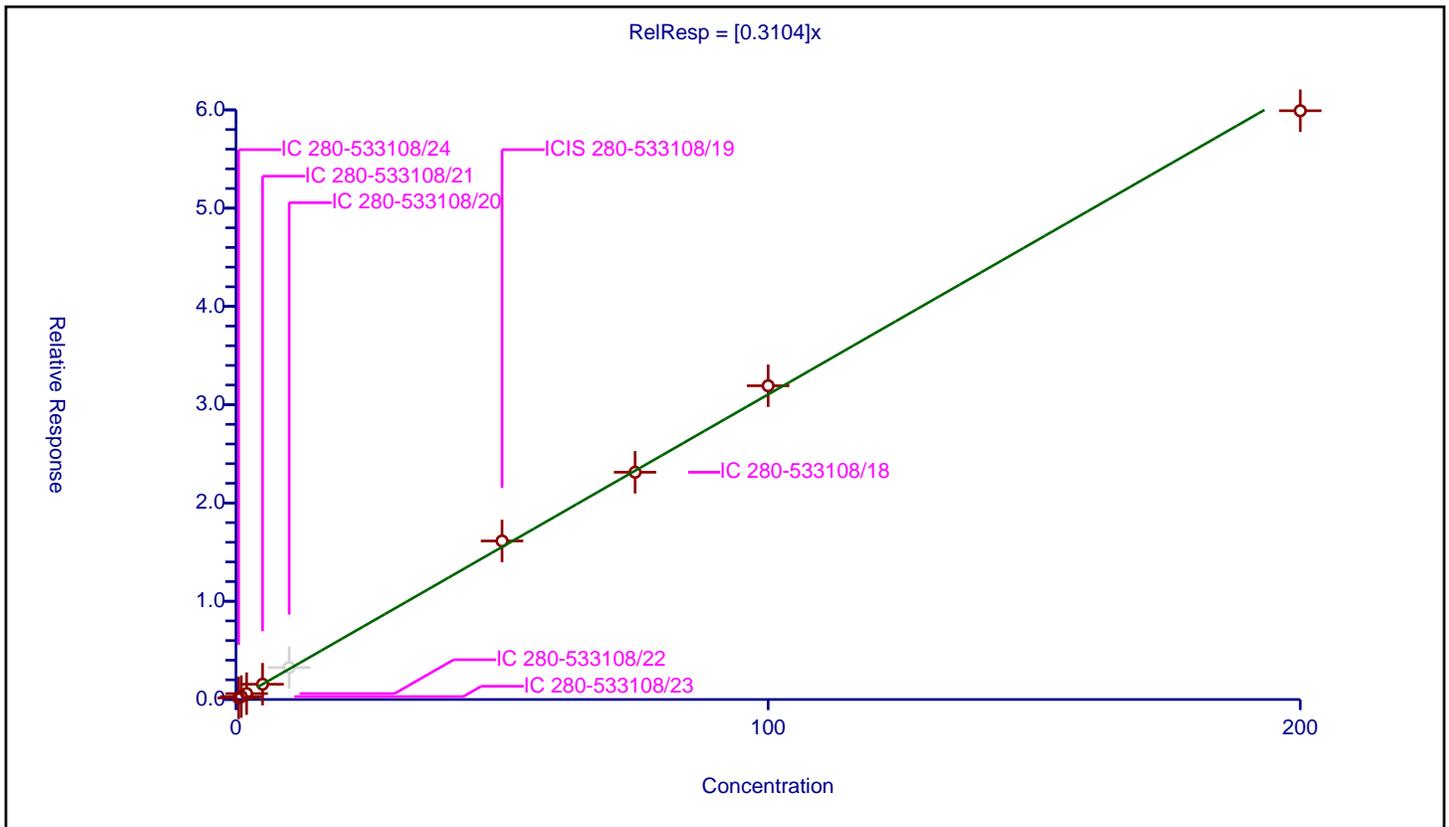
/ cis-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3104

Error Coefficients	
Standard Error:	1090000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.161781	50.0	1974890.0	0.323562	Y
2	IC 280-533108/23	1.0	0.298955	50.0	1960666.0	0.298955	Y
3	IC 280-533108/22	2.0	0.599976	50.0	1910075.0	0.299988	Y
4	IC 280-533108/21	5.0	1.555465	50.0	1918462.0	0.311093	Y
5	IC 280-533108/20	10.0	3.249937	50.0	1906683.0	0.324994	N
6	ICIS 280-533108/19	50.0	16.131692	50.0	1937785.0	0.322634	Y
7	IC 280-533108/18	75.0	23.126648	50.0	1958468.0	0.308355	Y
8	IC 280-533108/17	100.0	31.926442	50.0	1861421.0	0.319264	Y
9	IC 280-533108/14	200.0	59.913901	50.0	2000615.0	0.29957	Y



**Calibration**

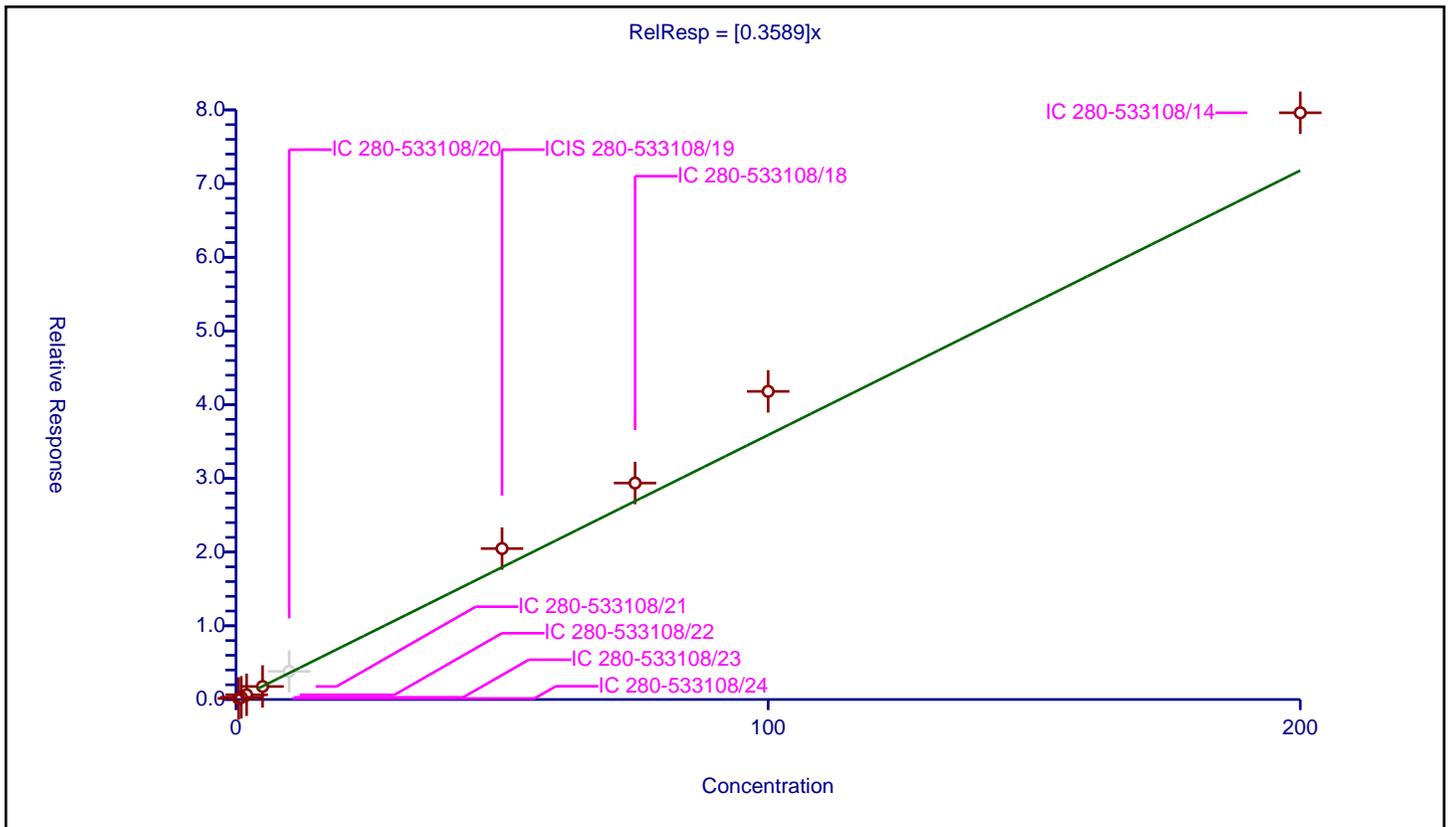
/ 2,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3589

Error Coefficients	
Standard Error:	1440000
Relative Standard Error:	14.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.141653	50.0	1974890.0	0.283307	Y
2	IC 280-533108/23	1.0	0.297195	50.0	1960666.0	0.297195	Y
3	IC 280-533108/22	2.0	0.64021	50.0	1910075.0	0.320105	Y
4	IC 280-533108/21	5.0	1.764643	50.0	1918462.0	0.352929	Y
5	IC 280-533108/20	10.0	3.814294	50.0	1906683.0	0.381429	N
6	ICIS 280-533108/19	50.0	20.481168	50.0	1937785.0	0.409623	Y
7	IC 280-533108/18	75.0	29.368312	50.0	1958468.0	0.391577	Y
8	IC 280-533108/17	100.0	41.808274	50.0	1861421.0	0.418083	Y
9	IC 280-533108/14	200.0	79.606196	50.0	2000615.0	0.398031	Y



Calibration

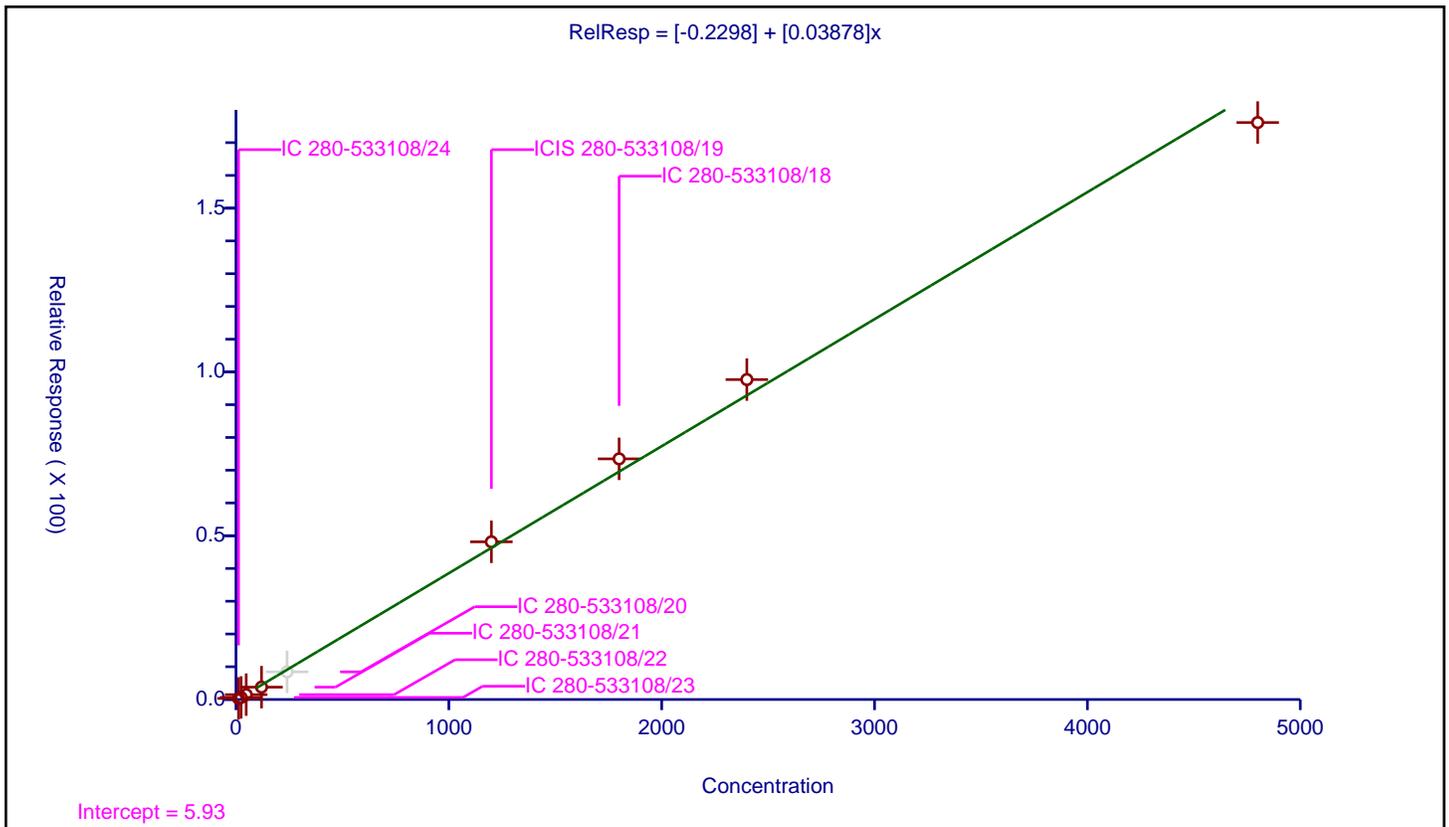
/ sec-Butyl Alcohol

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.2298
Slope:	0.03878

Error Coefficients	
Standard Error:	3530000
Relative Standard Error:	11.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	12.0	0.331284	50.0	1974890.0	0.027607	Y
2	IC 280-533108/23	24.0	0.625731	50.0	1960666.0	0.026072	Y
3	IC 280-533108/22	48.0	1.483842	50.0	1910075.0	0.030913	Y
4	IC 280-533108/21	120.0	3.77198	50.0	1918462.0	0.031433	Y
5	IC 280-533108/20	240.0	8.431213	50.0	1906683.0	0.03513	N
6	ICIS 280-533108/19	1200.0	48.134907	50.0	1937785.0	0.040112	Y
7	IC 280-533108/18	1800.0	73.464846	50.0	1958468.0	0.040814	Y
8	IC 280-533108/17	2400.0	97.666487	50.0	1861421.0	0.040694	Y
9	IC 280-533108/14	4800.0	176.138437	50.0	2000615.0	0.036696	Y



Calibration

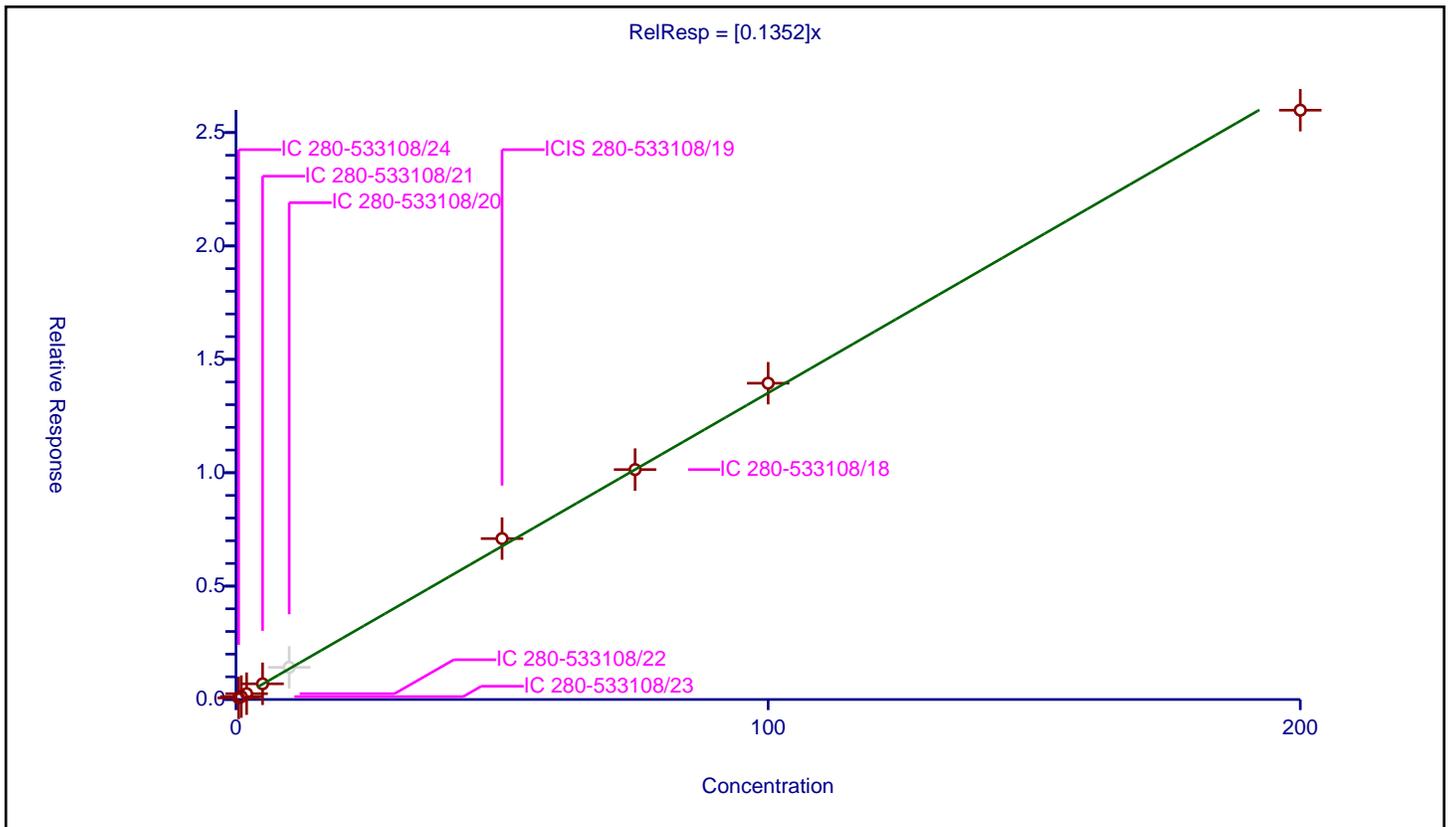
/ Chlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1352

Error Coefficients	
Standard Error:	476000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.070029	50.0	1974890.0	0.140058	Y
2	IC 280-533108/23	1.0	0.128451	50.0	1960666.0	0.128451	Y
3	IC 280-533108/22	2.0	0.256561	50.0	1910075.0	0.12828	Y
4	IC 280-533108/21	5.0	0.691257	50.0	1918462.0	0.138251	Y
5	IC 280-533108/20	10.0	1.418484	50.0	1906683.0	0.141848	N
6	ICIS 280-533108/19	50.0	7.095111	50.0	1937785.0	0.141902	Y
7	IC 280-533108/18	75.0	10.138282	50.0	1958468.0	0.135177	Y
8	IC 280-533108/17	100.0	13.947275	50.0	1861421.0	0.139473	Y
9	IC 280-533108/14	200.0	25.987159	50.0	2000615.0	0.129936	Y



**Calibration**

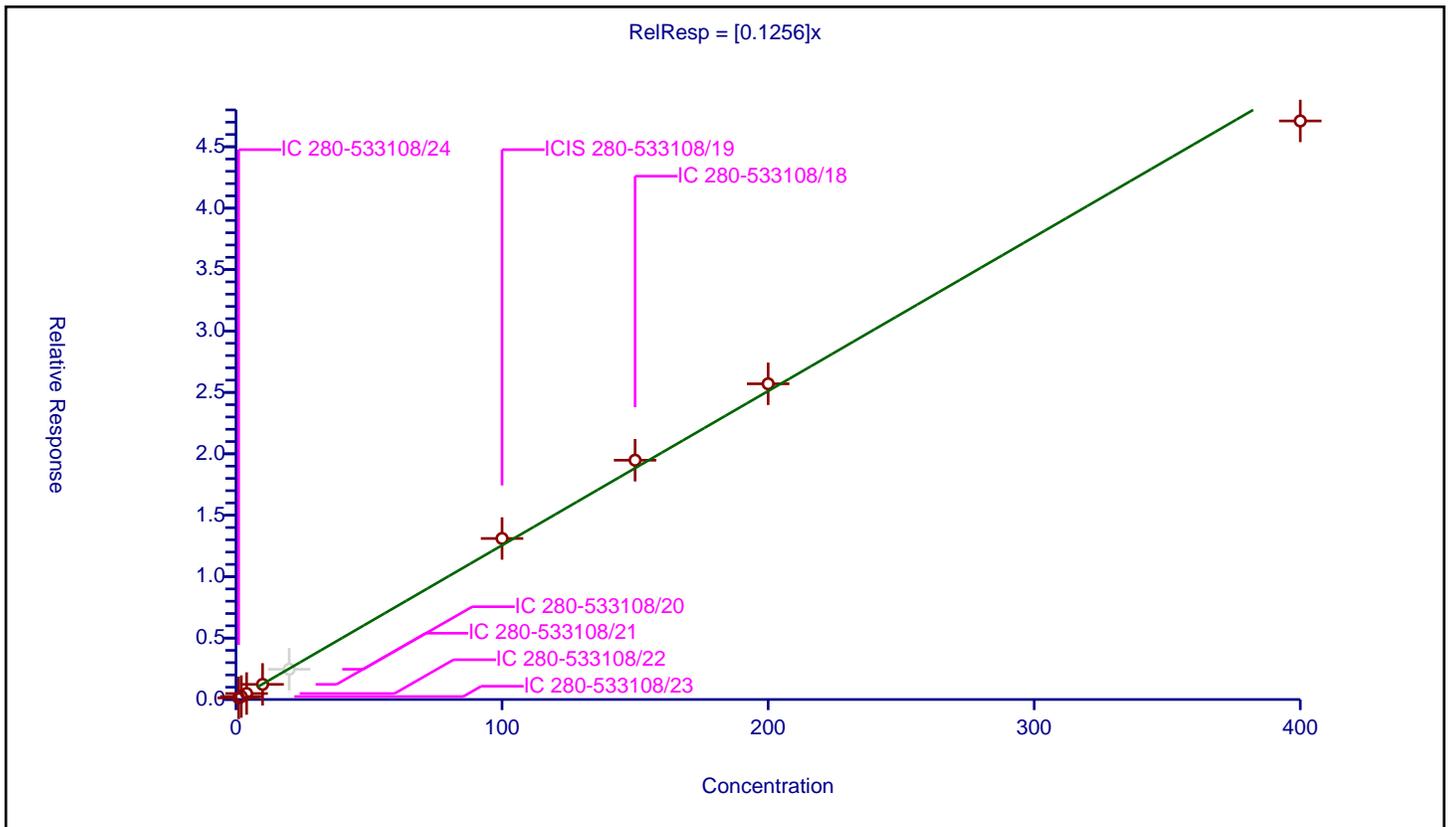
/ Tetrahydrofuran

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1256

Error Coefficients	
Standard Error:	871000
Relative Standard Error:	4.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	1.0	0.131425	50.0	1974890.0	0.131425	Y
2	IC 280-533108/23	2.0	0.241627	50.0	1960666.0	0.120814	Y
3	IC 280-533108/22	4.0	0.487023	50.0	1910075.0	0.121756	Y
4	IC 280-533108/21	10.0	1.232446	50.0	1918462.0	0.123245	Y
5	IC 280-533108/20	20.0	2.461657	50.0	1906683.0	0.123083	N
6	ICIS 280-533108/19	100.0	13.108059	50.0	1937785.0	0.131081	Y
7	IC 280-533108/18	150.0	19.480635	50.0	1958468.0	0.129871	Y
8	IC 280-533108/17	200.0	25.701521	50.0	1861421.0	0.128508	Y
9	IC 280-533108/14	400.0	47.099842	50.0	2000615.0	0.11775	Y



Calibration

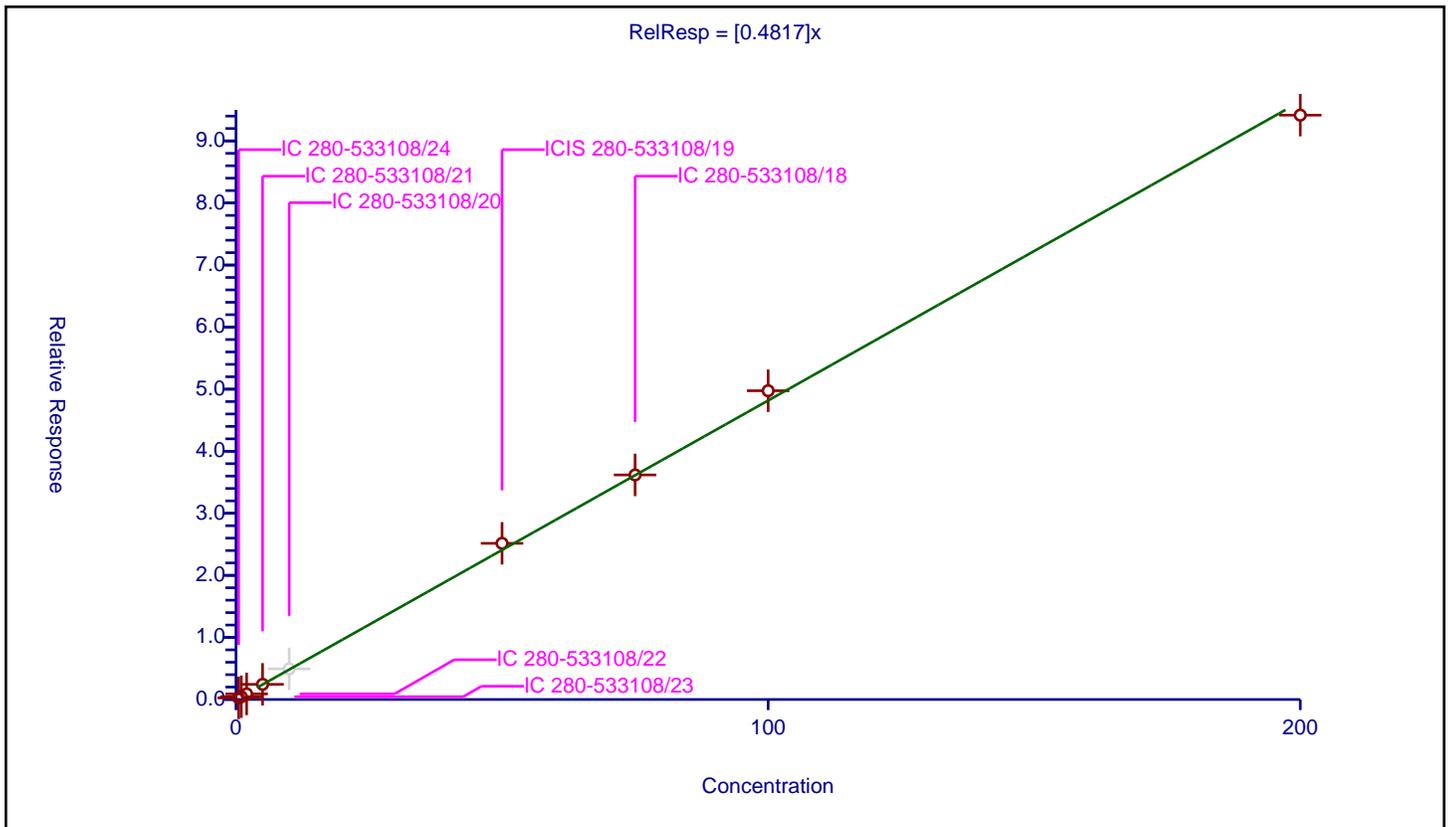
/ Chloroform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4817

Error Coefficients	
Standard Error:	1720000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.255584	50.0	1974890.0	0.511168	Y
2	IC 280-533108/23	1.0	0.449414	50.0	1960666.0	0.449414	Y
3	IC 280-533108/22	2.0	0.900933	50.0	1910075.0	0.450467	Y
4	IC 280-533108/21	5.0	2.443337	50.0	1918462.0	0.488667	Y
5	IC 280-533108/20	10.0	4.933384	50.0	1906683.0	0.493338	N
6	ICIS 280-533108/19	50.0	25.160067	50.0	1937785.0	0.503201	Y
7	IC 280-533108/18	75.0	36.18198	50.0	1958468.0	0.482426	Y
8	IC 280-533108/17	100.0	49.747344	50.0	1861421.0	0.497473	Y
9	IC 280-533108/14	200.0	94.155647	50.0	2000615.0	0.470778	Y



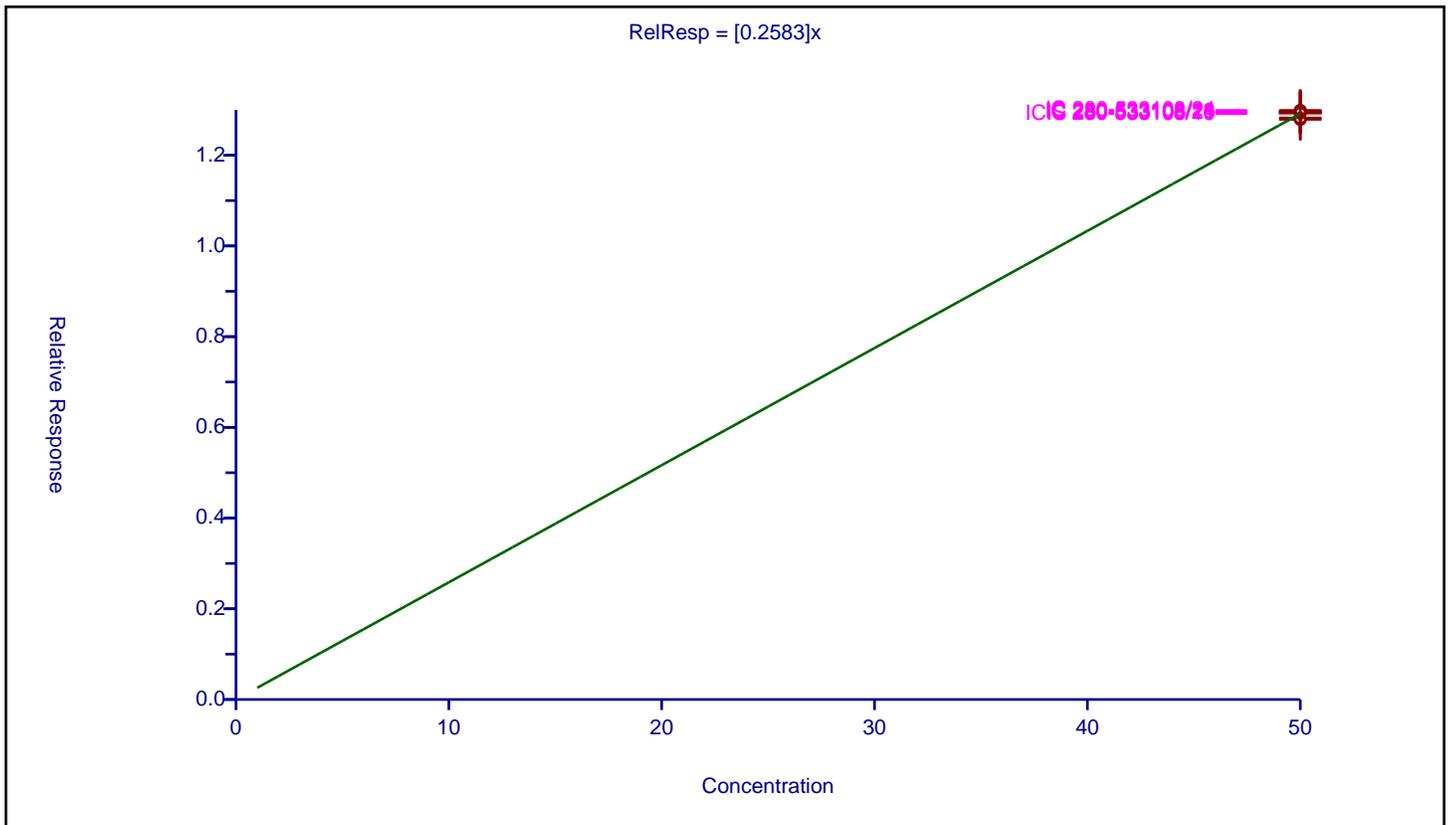
**Calibration**

/ Dibromofluoromethane (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2583
Error Coefficients	
Standard Error:	536000
Relative Standard Error:	0.5
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.0000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/14	50.0	12.950493	50.0	2000615.0	0.25901	Y
2	IC 280-533108/17	50.0	12.821226	50.0	1861421.0	0.256425	Y
3	IC 280-533108/18	50.0	12.954564	50.0	1958468.0	0.259091	Y
4	ICIS 280-533108/19	50.0	12.919648	50.0	1937785.0	0.258393	Y
5	IC 280-533108/20	50.0	12.880484	50.0	1906683.0	0.25761	N
6	IC 280-533108/21	50.0	12.933642	50.0	1918462.0	0.258673	Y
7	IC 280-533108/22	50.0	12.791513	50.0	1910075.0	0.25583	Y
8	IC 280-533108/23	50.0	12.962458	50.0	1960666.0	0.259249	Y
9	IC 280-533108/24	50.0	12.987837	50.0	1974890.0	0.259757	Y



Calibration

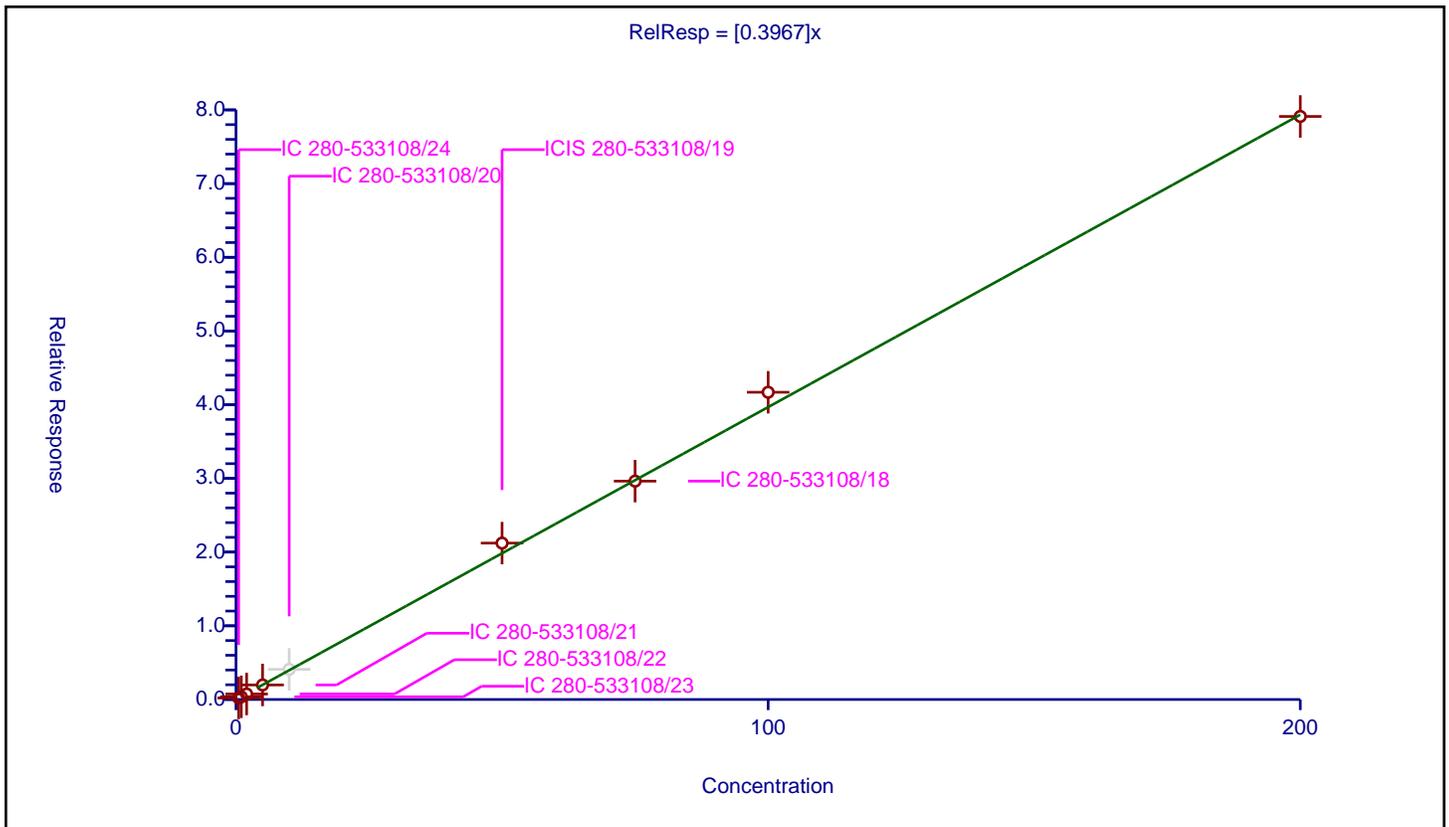
/ 1,1,1-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3967

Error Coefficients	
Standard Error:	1440000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.204113	50.0	1974890.0	0.408225	Y
2	IC 280-533108/23	1.0	0.365718	50.0	1960666.0	0.365718	Y
3	IC 280-533108/22	2.0	0.746934	50.0	1910075.0	0.373467	Y
4	IC 280-533108/21	5.0	1.972361	50.0	1918462.0	0.394472	Y
5	IC 280-533108/20	10.0	4.092054	50.0	1906683.0	0.409205	N
6	ICIS 280-533108/19	50.0	21.21995	50.0	1937785.0	0.424399	Y
7	IC 280-533108/18	75.0	29.627265	50.0	1958468.0	0.39503	Y
8	IC 280-533108/17	100.0	41.689038	50.0	1861421.0	0.41689	Y
9	IC 280-533108/14	200.0	79.111723	50.0	2000615.0	0.395559	Y



**Calibration**

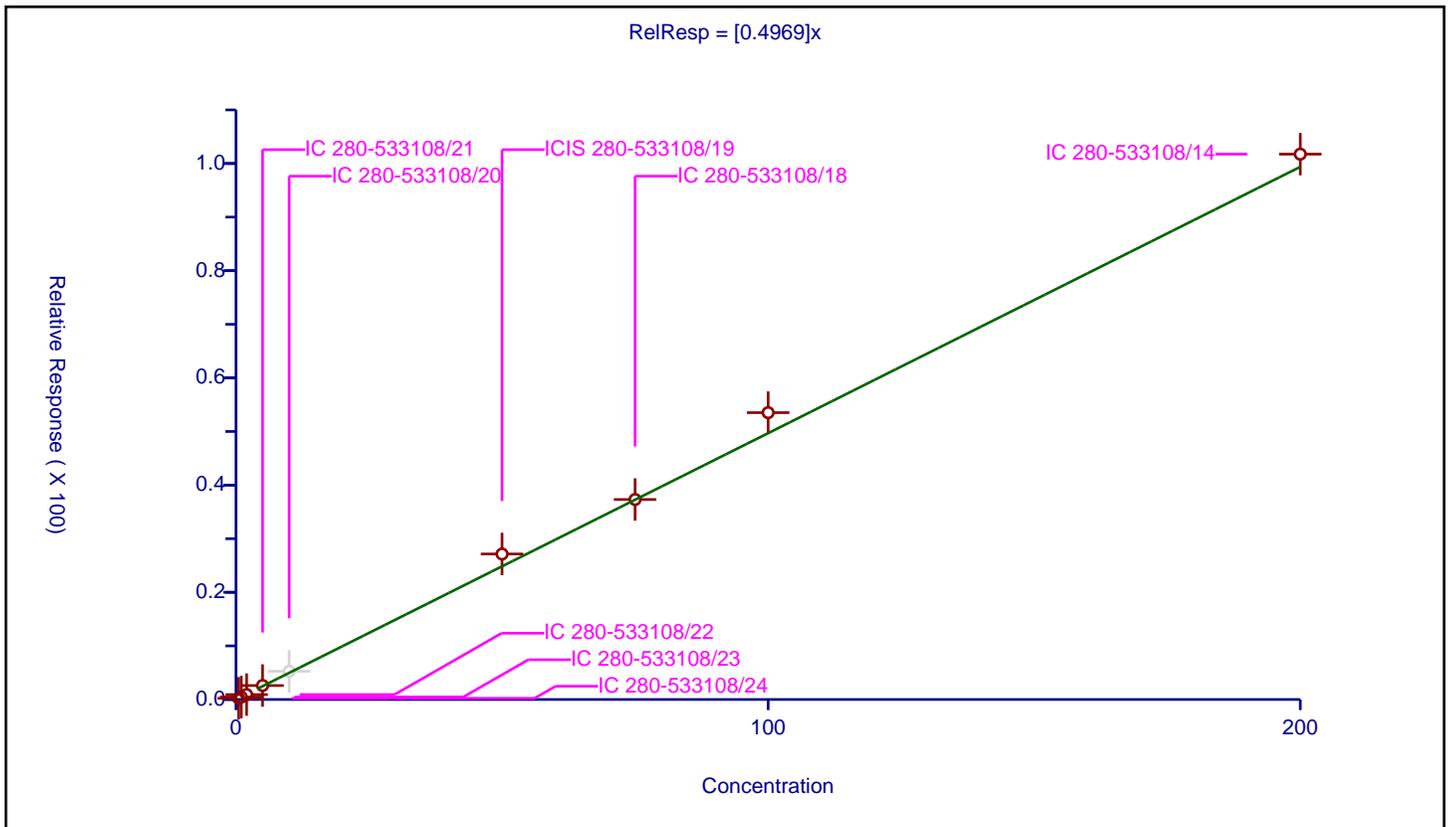
/ Cyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4969

Error Coefficients	
Standard Error:	1840000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.225354	50.0	1974890.0	0.450709	Y
2	IC 280-533108/23	1.0	0.45964	50.0	1960666.0	0.45964	Y
3	IC 280-533108/22	2.0	0.91855	50.0	1910075.0	0.459275	Y
4	IC 280-533108/21	5.0	2.604795	50.0	1918462.0	0.520959	Y
5	IC 280-533108/20	10.0	5.264194	50.0	1906683.0	0.526419	N
6	ICIS 280-533108/19	50.0	27.145401	50.0	1937785.0	0.542908	Y
7	IC 280-533108/18	75.0	37.30929	50.0	1958468.0	0.497457	Y
8	IC 280-533108/17	100.0	53.516265	50.0	1861421.0	0.535163	Y
9	IC 280-533108/14	200.0	101.744589	50.0	2000615.0	0.508723	Y



Calibration

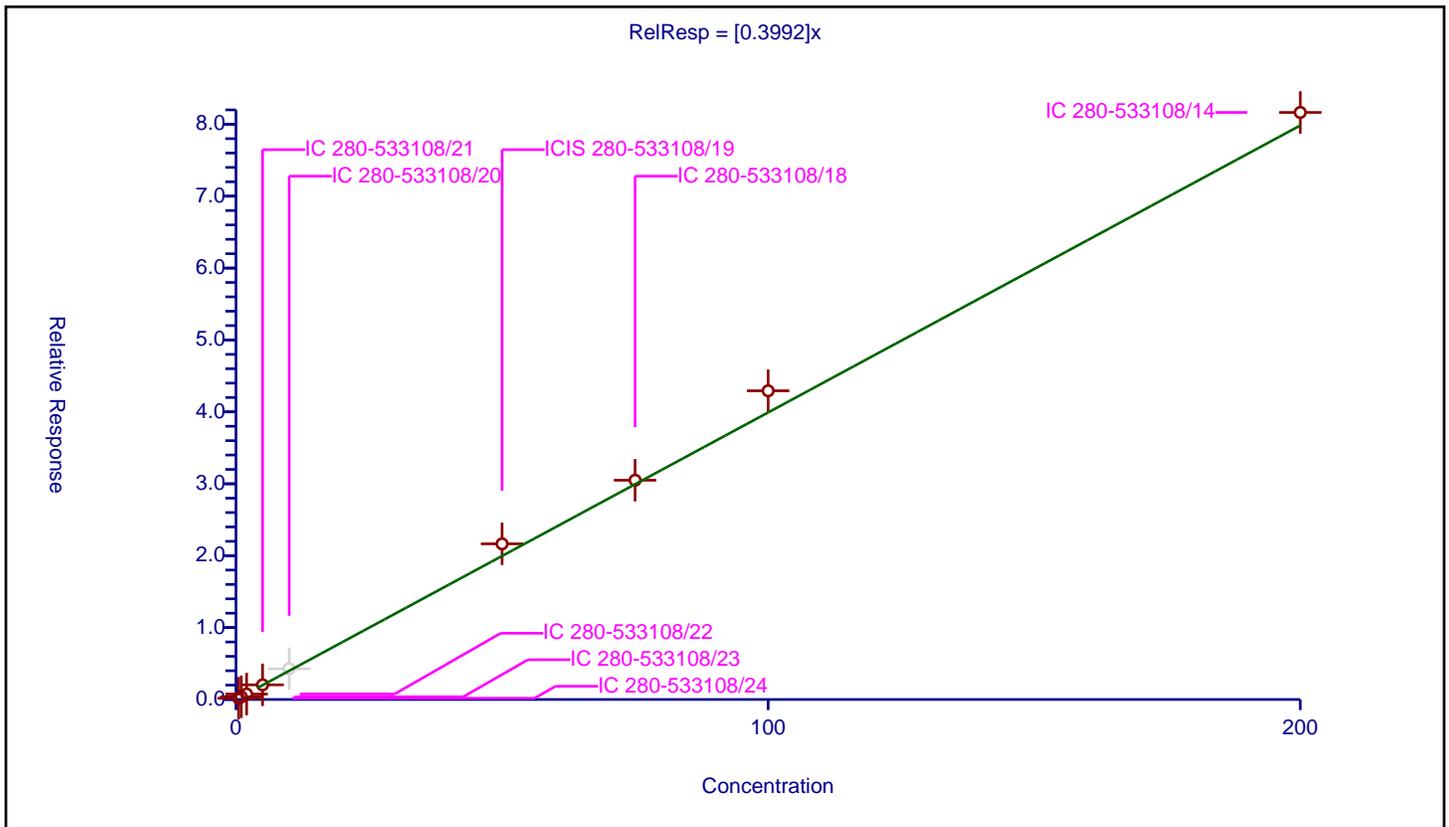
/ 1,1-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3992

Error Coefficients	
Standard Error:	1480000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.176947	50.0	1974890.0	0.353893	Y
2	IC 280-533108/23	1.0	0.376046	50.0	1960666.0	0.376046	Y
3	IC 280-533108/22	2.0	0.757379	50.0	1910075.0	0.378689	Y
4	IC 280-533108/21	5.0	2.038065	50.0	1918462.0	0.407613	Y
5	IC 280-533108/20	10.0	4.27617	50.0	1906683.0	0.427617	N
6	ICIS 280-533108/19	50.0	21.648093	50.0	1937785.0	0.432962	Y
7	IC 280-533108/18	75.0	30.495137	50.0	1958468.0	0.406602	Y
8	IC 280-533108/17	100.0	42.934645	50.0	1861421.0	0.429346	Y
9	IC 280-533108/14	200.0	81.646894	50.0	2000615.0	0.408234	Y



**Calibration**

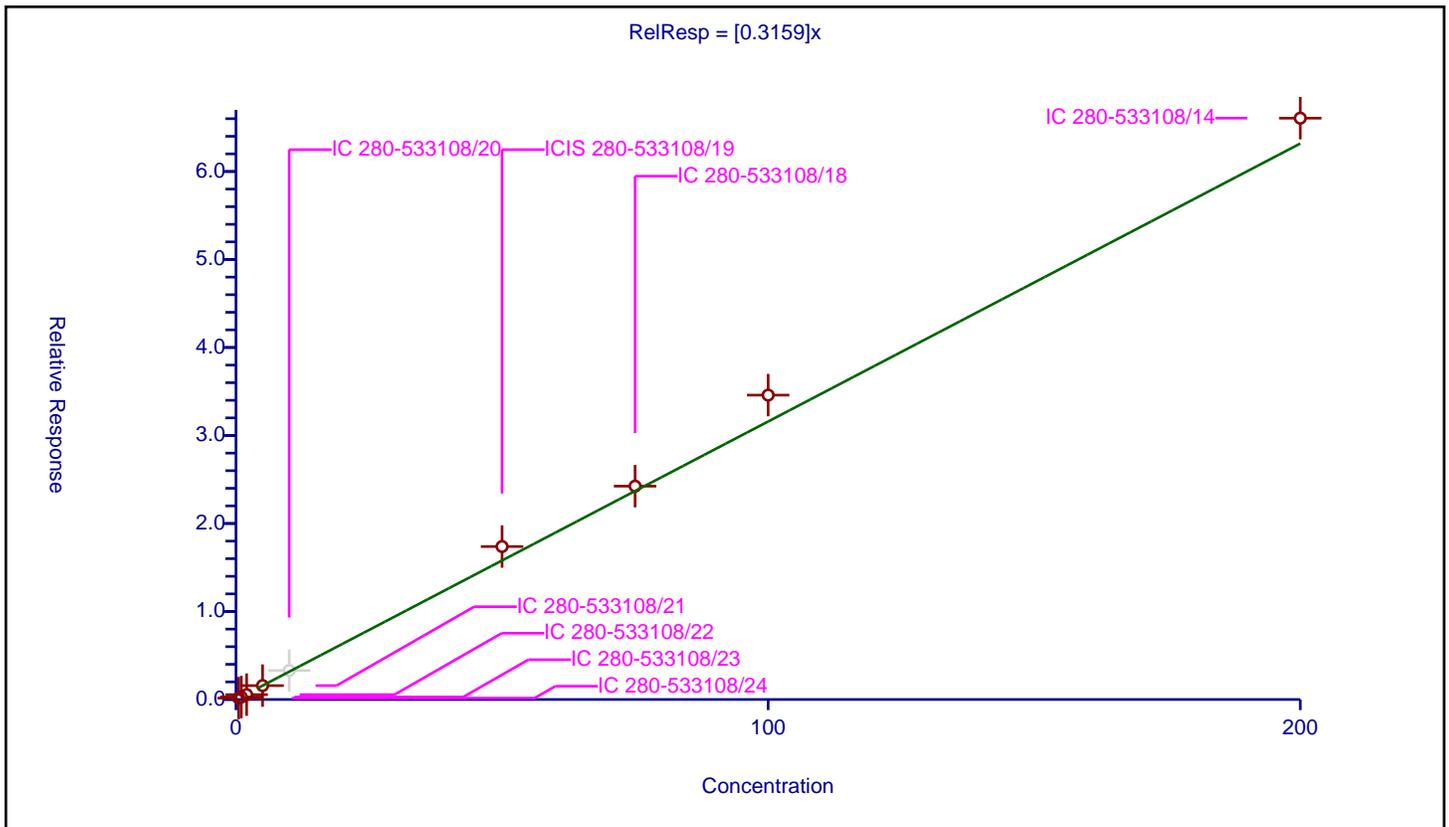
/ Carbon tetrachloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3159

Error Coefficients	
Standard Error:	1200000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.154414	50.0	1974890.0	0.308827	Y
2	IC 280-533108/23	1.0	0.280236	50.0	1960666.0	0.280236	Y
3	IC 280-533108/22	2.0	0.55147	50.0	1910075.0	0.275735	Y
4	IC 280-533108/21	5.0	1.575976	50.0	1918462.0	0.315195	Y
5	IC 280-533108/20	10.0	3.29061	50.0	1906683.0	0.329061	N
6	ICIS 280-533108/19	50.0	17.380127	50.0	1937785.0	0.347603	Y
7	IC 280-533108/18	75.0	24.244639	50.0	1958468.0	0.323262	Y
8	IC 280-533108/17	100.0	34.588387	50.0	1861421.0	0.345884	Y
9	IC 280-533108/14	200.0	66.060112	50.0	2000615.0	0.330301	Y



**Calibration**

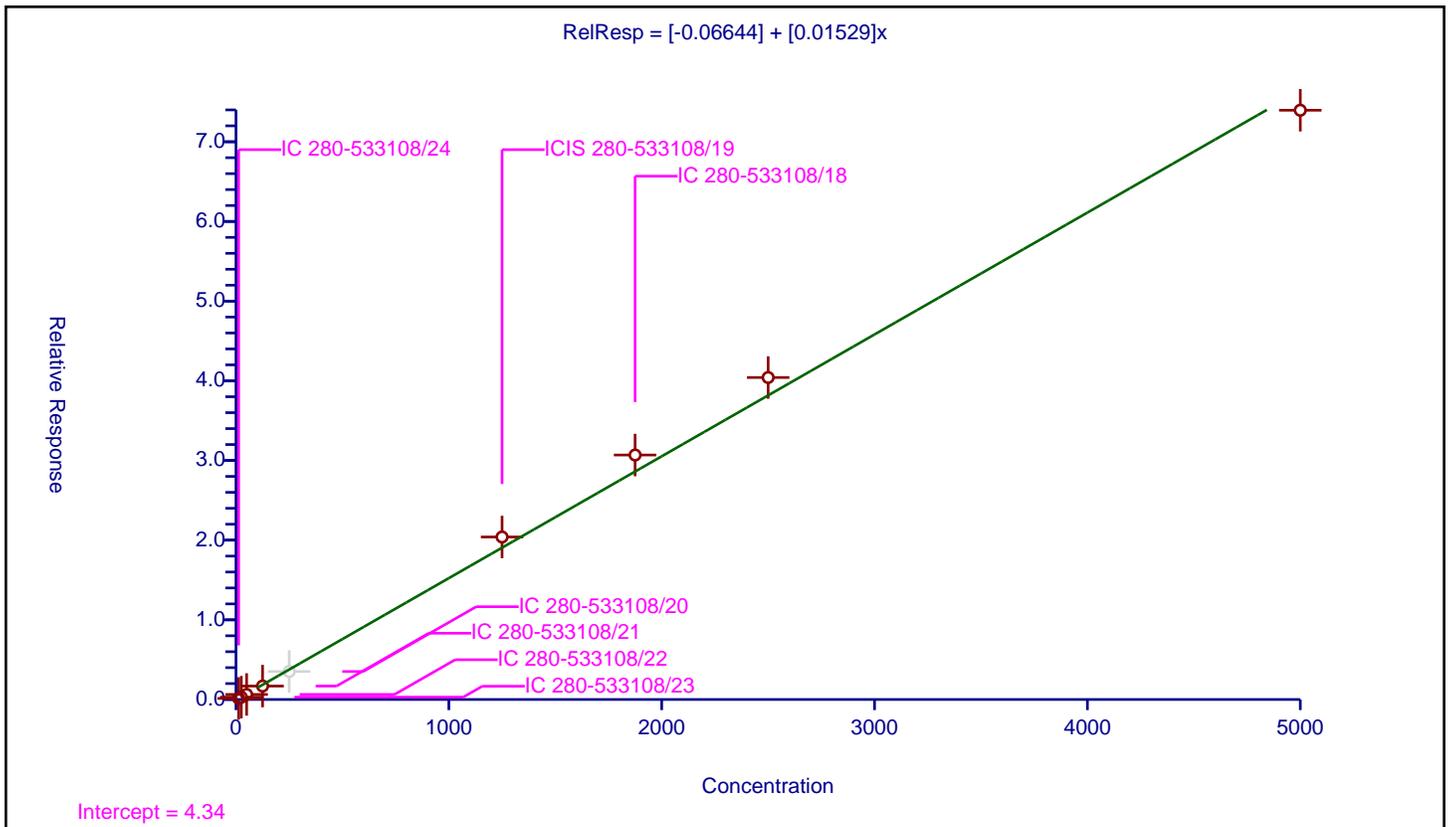
/ Isobutyl alcohol

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.06644
Slope:	0.01529

Error Coefficients	
Standard Error:	1480000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	12.5	0.135729	50.0	1974890.0	0.010858	Y
2	IC 280-533108/23	25.0	0.293344	50.0	1960666.0	0.011734	Y
3	IC 280-533108/22	50.0	0.63398	50.0	1910075.0	0.01268	Y
4	IC 280-533108/21	125.0	1.685282	50.0	1918462.0	0.013482	Y
5	IC 280-533108/20	250.0	3.513143	50.0	1906683.0	0.014053	N
6	ICIS 280-533108/19	1250.0	20.393258	50.0	1937785.0	0.016315	Y
7	IC 280-533108/18	1875.0	30.685158	50.0	1958468.0	0.016365	Y
8	IC 280-533108/17	2500.0	40.412567	50.0	1861421.0	0.016165	Y
9	IC 280-533108/14	5000.0	73.956558	50.0	2000615.0	0.014791	Y



**Calibration**

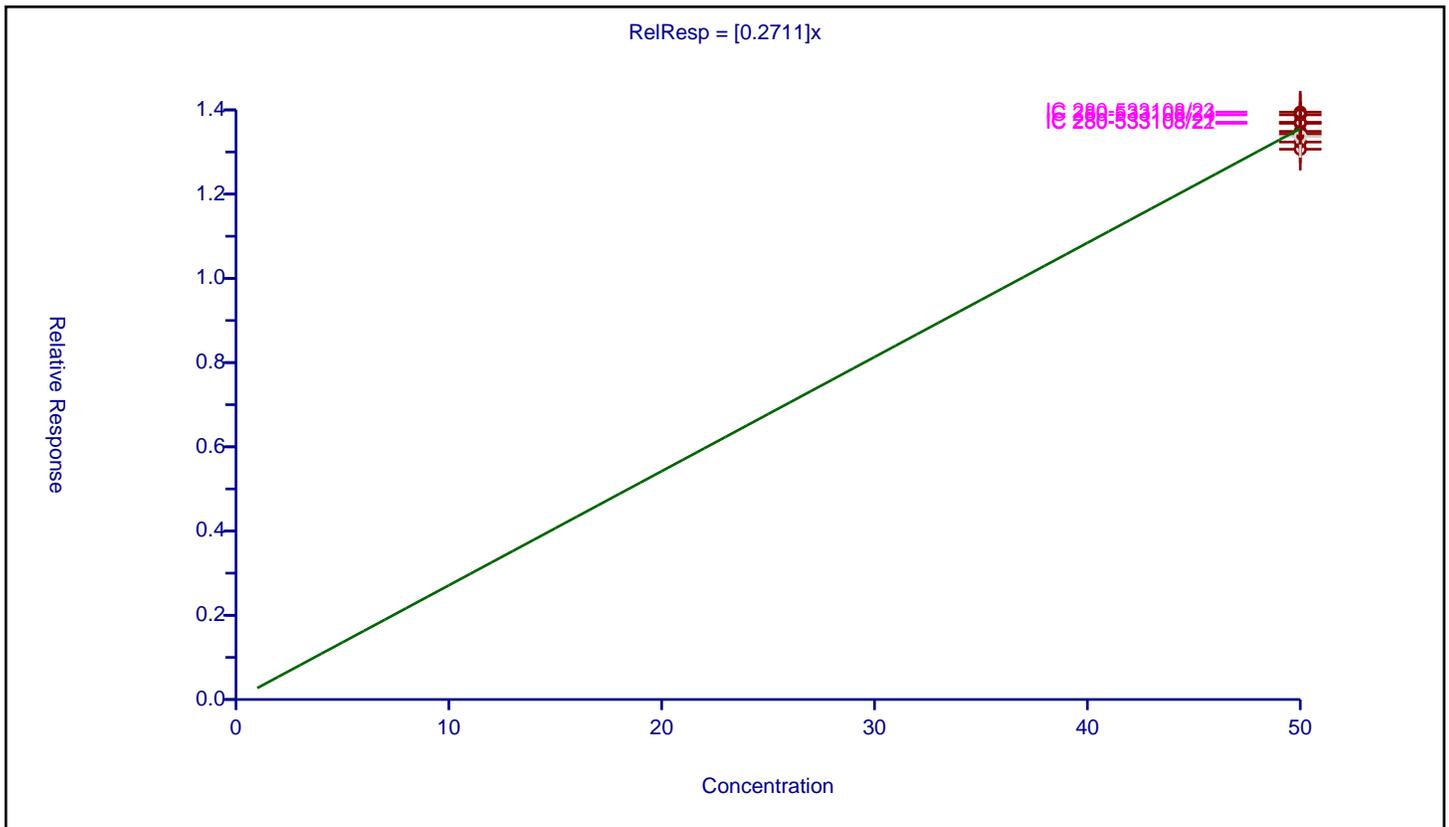
/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2711

Error Coefficients	
Standard Error:	563000
Relative Standard Error:	2.3
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/14	50.0	13.23708	50.0	2000615.0	0.264742	Y
2	IC 280-533108/17	50.0	13.0662	50.0	1861421.0	0.261324	Y
3	IC 280-533108/18	50.0	13.422609	50.0	1958468.0	0.268452	Y
4	ICIS 280-533108/19	50.0	13.489345	50.0	1937785.0	0.269787	Y
5	IC 280-533108/20	50.0	13.369422	50.0	1906683.0	0.267388	N
6	IC 280-533108/21	50.0	13.705718	50.0	1918462.0	0.274114	Y
7	IC 280-533108/22	50.0	13.681321	50.0	1910075.0	0.273626	Y
8	IC 280-533108/23	50.0	13.946843	50.0	1960666.0	0.278937	Y
9	IC 280-533108/24	50.0	13.883204	50.0	1974890.0	0.277664	Y



Calibration

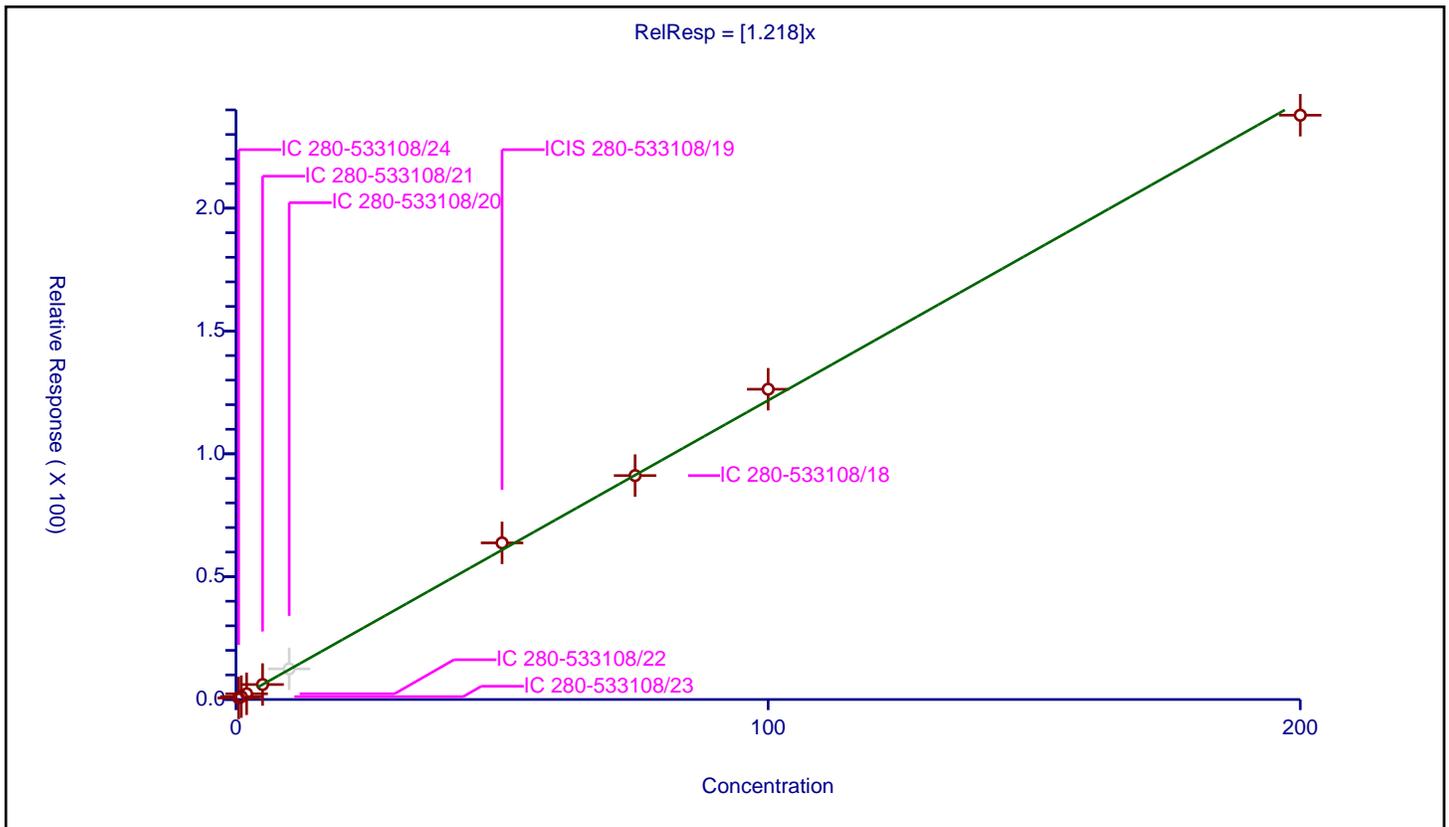
/ Benzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.218

Error Coefficients	
Standard Error:	4340000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.621174	50.0	1974890.0	1.242348	Y
2	IC 280-533108/23	1.0	1.172535	50.0	1960666.0	1.172535	Y
3	IC 280-533108/22	2.0	2.330066	50.0	1910075.0	1.165033	Y
4	IC 280-533108/21	5.0	6.091859	50.0	1918462.0	1.218372	Y
5	IC 280-533108/20	10.0	12.466493	50.0	1906683.0	1.246649	N
6	ICIS 280-533108/19	50.0	63.751319	50.0	1937785.0	1.275026	Y
7	IC 280-533108/18	75.0	91.138686	50.0	1958468.0	1.215182	Y
8	IC 280-533108/17	100.0	126.293891	50.0	1861421.0	1.262939	Y
9	IC 280-533108/14	200.0	237.83789	50.0	2000615.0	1.189189	Y



Calibration

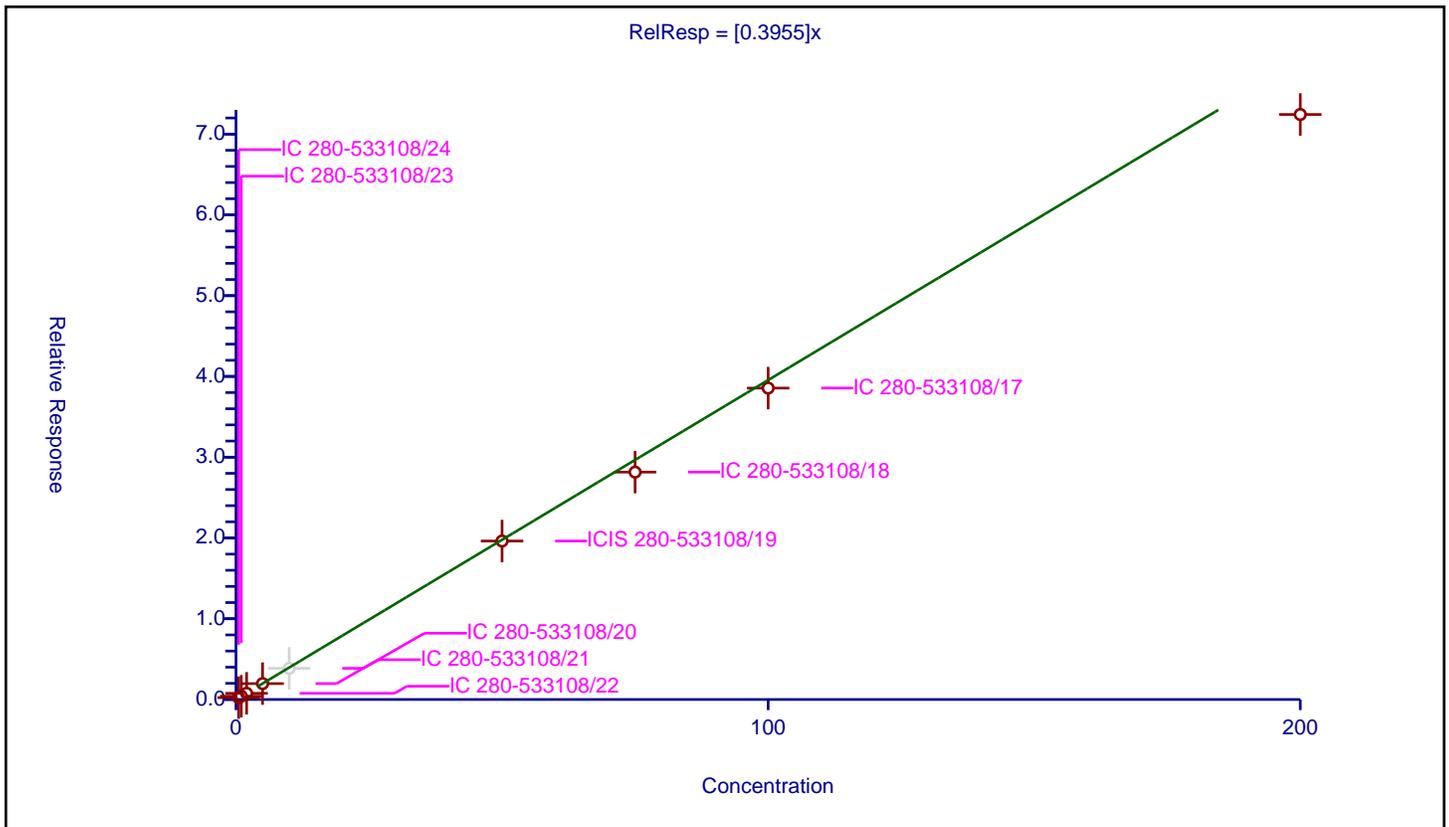
/ 1,2-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3955

Error Coefficients	
Standard Error:	1320000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.231886	50.0	1974890.0	0.463773	Y
2	IC 280-533108/23	1.0	0.407897	50.0	1960666.0	0.407897	Y
3	IC 280-533108/22	2.0	0.765677	50.0	1910075.0	0.382838	Y
4	IC 280-533108/21	5.0	1.968426	50.0	1918462.0	0.393685	Y
5	IC 280-533108/20	10.0	3.860448	50.0	1906683.0	0.386045	N
6	ICIS 280-533108/19	50.0	19.618869	50.0	1937785.0	0.392377	Y
7	IC 280-533108/18	75.0	28.154685	50.0	1958468.0	0.375396	Y
8	IC 280-533108/17	100.0	38.557317	50.0	1861421.0	0.385573	Y
9	IC 280-533108/14	200.0	72.431527	50.0	2000615.0	0.362158	Y



Calibration

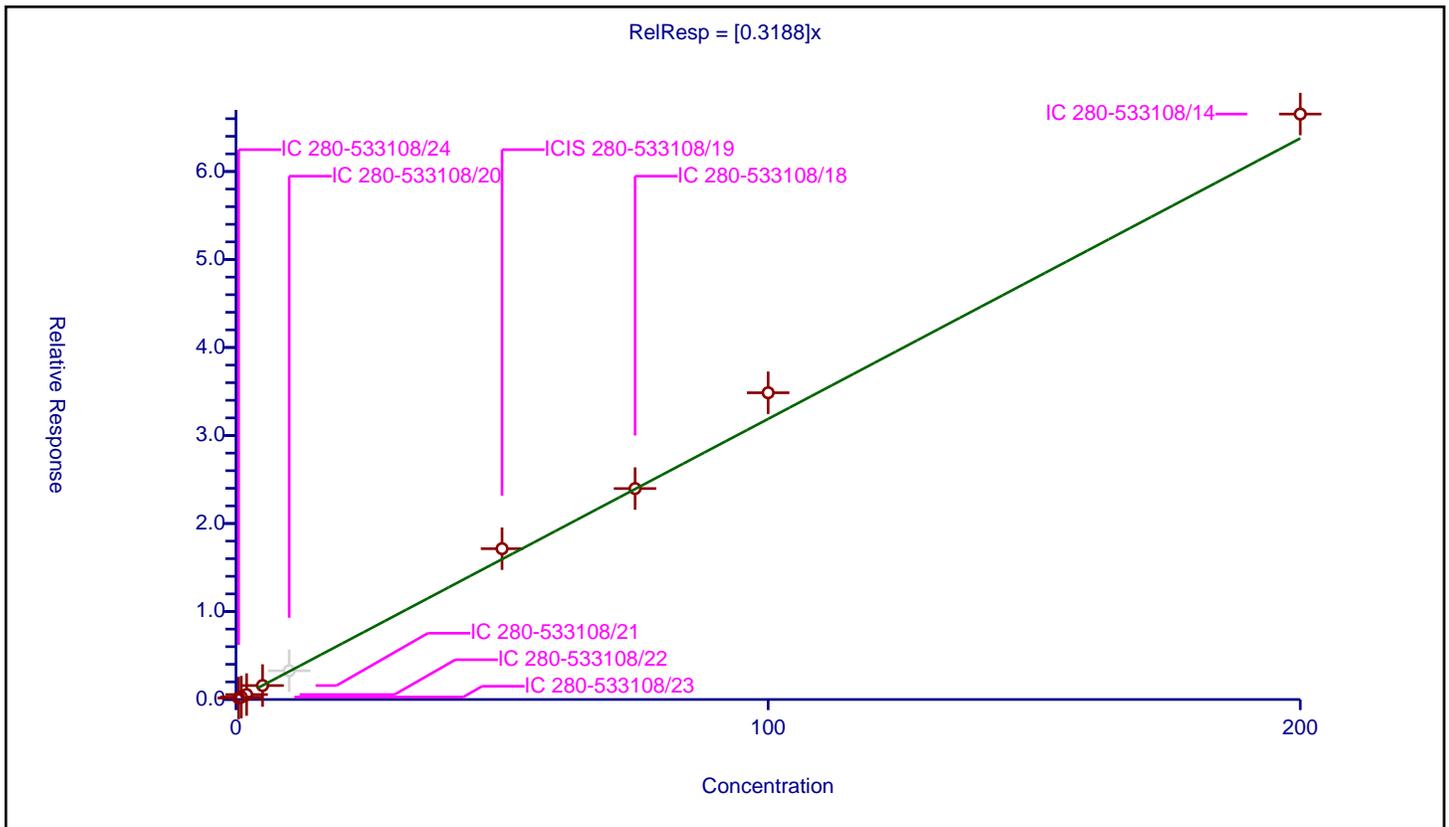
/ n-Heptane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3188

Error Coefficients	
Standard Error:	1200000
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.166997	50.0	1974890.0	0.333993	Y
2	IC 280-533108/23	1.0	0.275442	50.0	1960666.0	0.275442	Y
3	IC 280-533108/22	2.0	0.560737	50.0	1910075.0	0.280369	Y
4	IC 280-533108/21	5.0	1.586636	50.0	1918462.0	0.317327	Y
5	IC 280-533108/20	10.0	3.266694	50.0	1906683.0	0.326669	N
6	ICIS 280-533108/19	50.0	17.137995	50.0	1937785.0	0.34276	Y
7	IC 280-533108/18	75.0	23.971084	50.0	1958468.0	0.319614	Y
8	IC 280-533108/17	100.0	34.856596	50.0	1861421.0	0.348566	Y
9	IC 280-533108/14	200.0	66.526593	50.0	2000615.0	0.332633	Y



**Calibration**

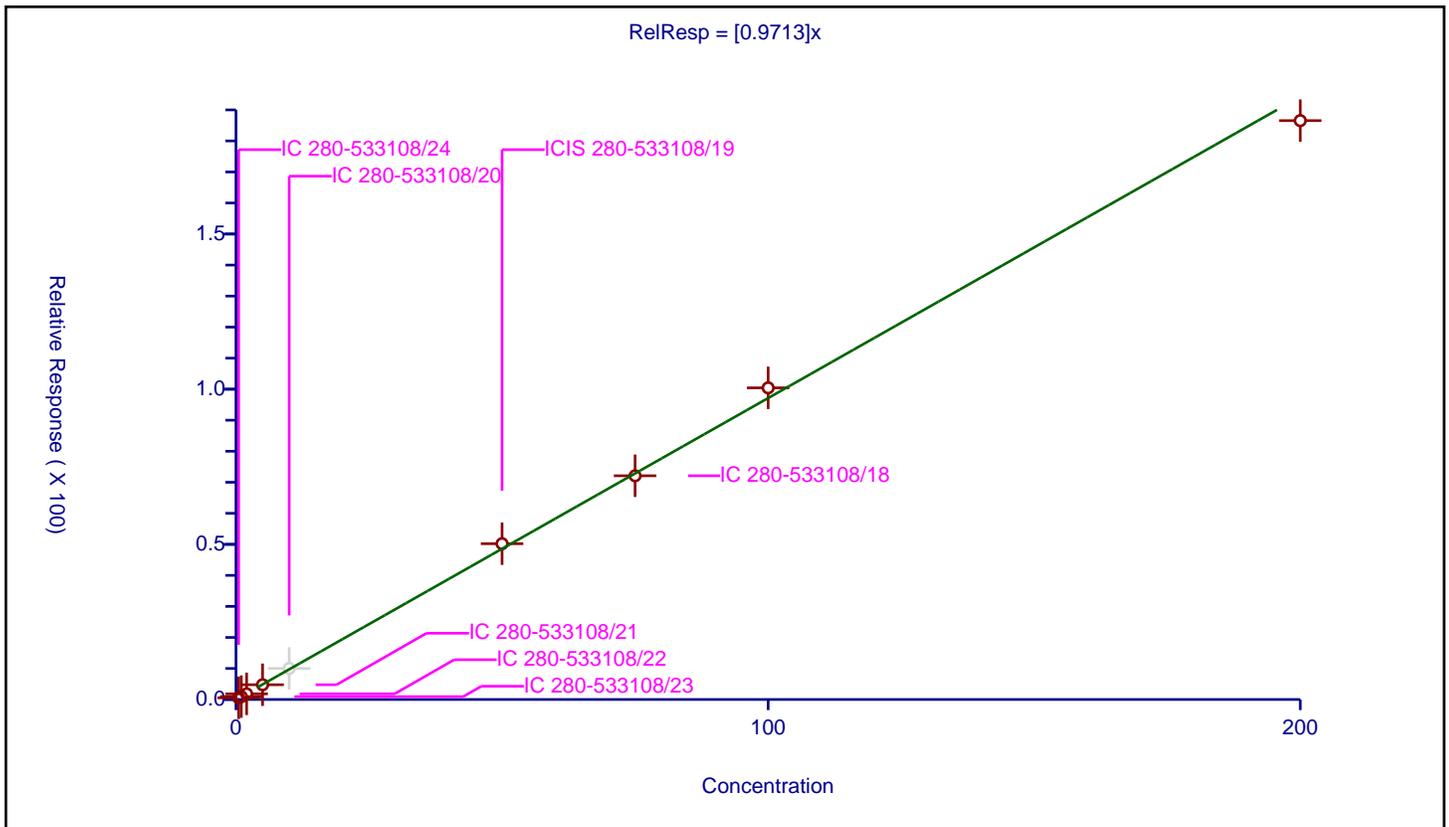
/ Trichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9713

Error Coefficients	
Standard Error:	1040000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.54349	50.0	600379.0	1.08698	Y
2	IC 280-533108/23	1.0	0.922976	50.0	595357.0	0.922976	Y
3	IC 280-533108/22	2.0	1.815497	50.0	574333.0	0.907749	Y
4	IC 280-533108/21	5.0	4.751035	50.0	572791.0	0.950207	Y
5	IC 280-533108/20	10.0	10.004655	50.0	569310.0	1.000465	N
6	ICIS 280-533108/19	50.0	50.205888	50.0	585513.0	1.004118	Y
7	IC 280-533108/18	75.0	72.092	50.0	586305.0	0.961227	Y
8	IC 280-533108/17	100.0	100.428923	50.0	558725.0	1.004289	Y
9	IC 280-533108/14	200.0	186.540405	50.0	612407.0	0.932702	Y



**Calibration**

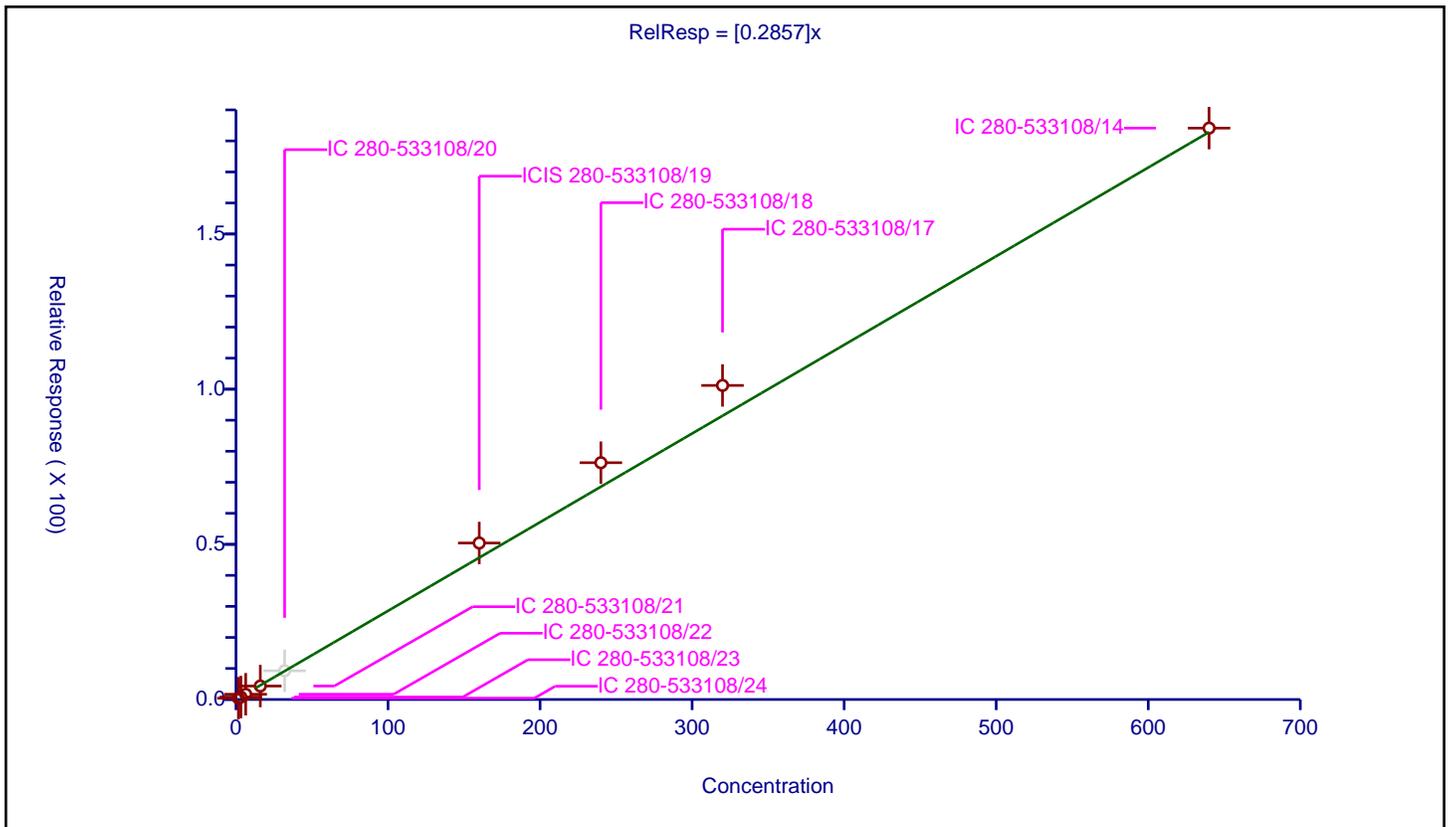
**/ 2-Pentanone**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2857

Error Coefficients	
Standard Error:	3410000
Relative Standard Error:	9.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	1.6	0.424226	50.0	1974890.0	0.265141	Y
2	IC 280-533108/23	3.2	0.791389	50.0	1960666.0	0.247309	Y
3	IC 280-533108/22	6.4	1.69585	50.0	1910075.0	0.264977	Y
4	IC 280-533108/21	16.0	4.338189	50.0	1918462.0	0.271137	Y
5	IC 280-533108/20	32.0	9.248496	50.0	1906683.0	0.289015	N
6	ICIS 280-533108/19	160.0	50.426828	50.0	1937785.0	0.315168	Y
7	IC 280-533108/18	240.0	76.306608	50.0	1958468.0	0.317944	Y
8	IC 280-533108/17	320.0	101.204241	50.0	1861421.0	0.316263	Y
9	IC 280-533108/14	640.0	184.129305	50.0	2000615.0	0.287702	Y



**Calibration**

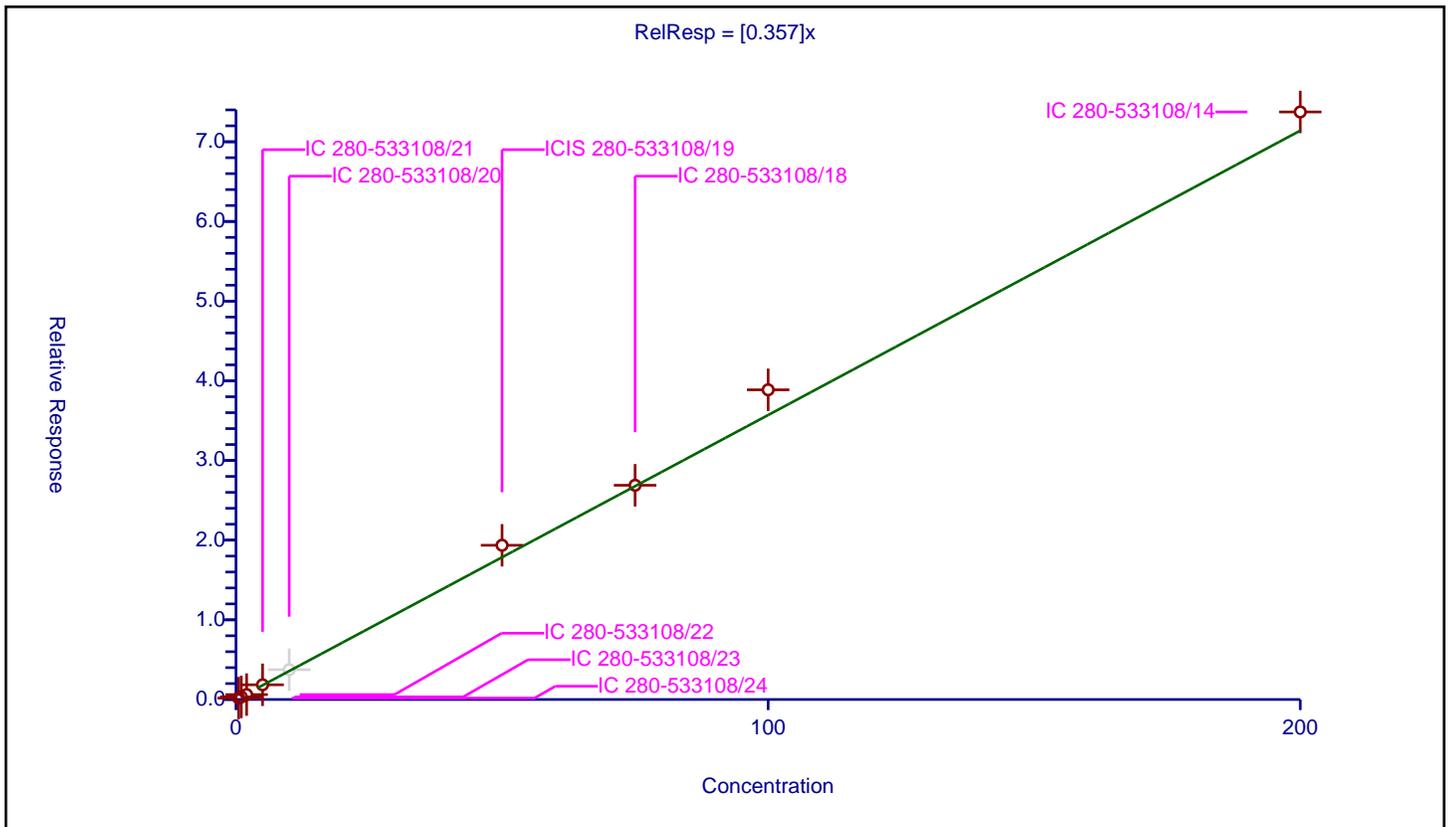
/ Methylcyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.357

Error Coefficients	
Standard Error:	1340000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.173174	50.0	1974890.0	0.346348	Y
2	IC 280-533108/23	1.0	0.329021	50.0	1960666.0	0.329021	Y
3	IC 280-533108/22	2.0	0.617698	50.0	1910075.0	0.308849	Y
4	IC 280-533108/21	5.0	1.843716	50.0	1918462.0	0.368743	Y
5	IC 280-533108/20	10.0	3.741052	50.0	1906683.0	0.374105	N
6	ICIS 280-533108/19	50.0	19.354985	50.0	1937785.0	0.3871	Y
7	IC 280-533108/18	75.0	26.886372	50.0	1958468.0	0.358485	Y
8	IC 280-533108/17	100.0	38.868934	50.0	1861421.0	0.388689	Y
9	IC 280-533108/14	200.0	73.739725	50.0	2000615.0	0.368699	Y



**Calibration**

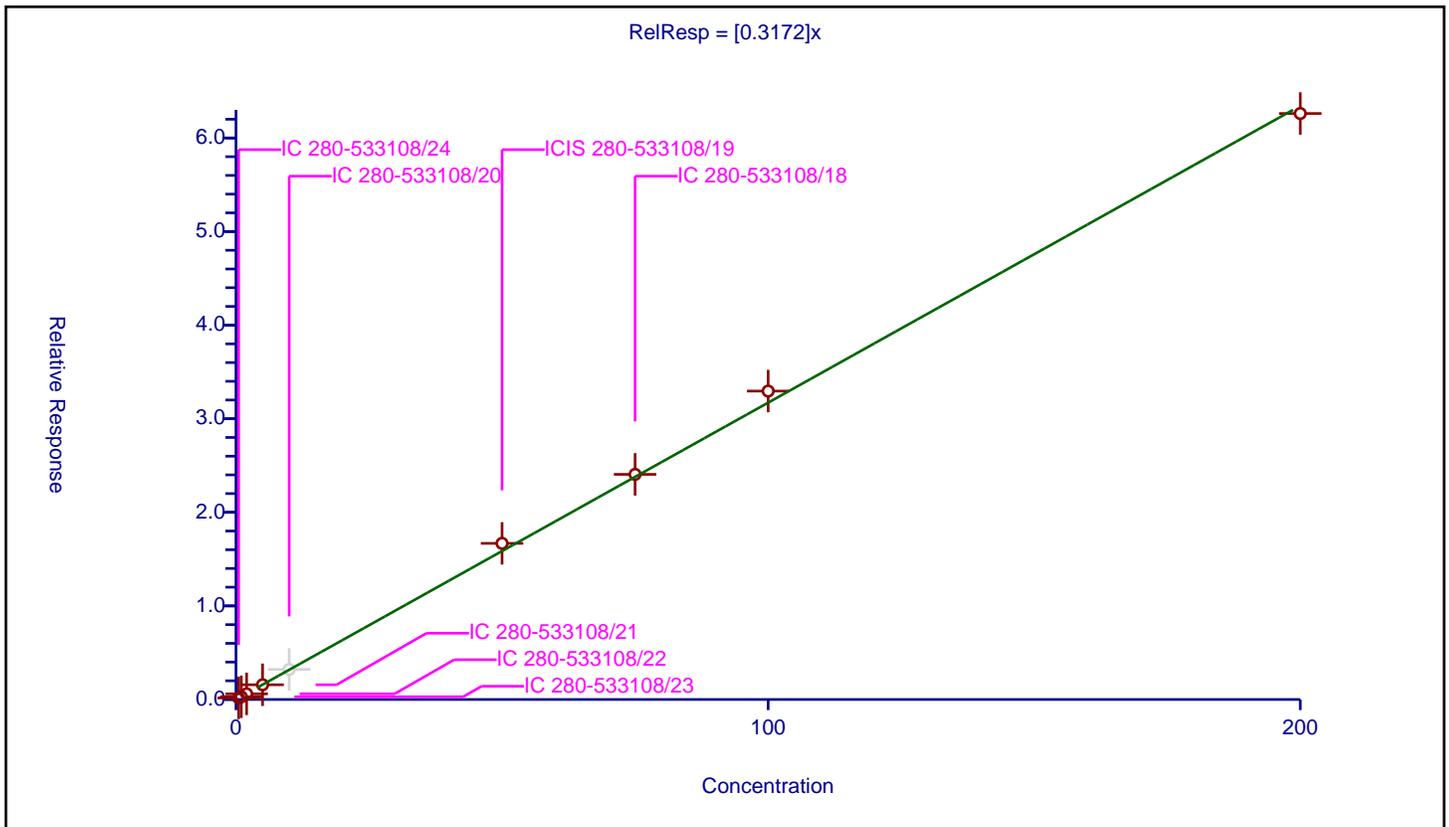
/ 1,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3172

Error Coefficients	
Standard Error:	1140000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.166085	50.0	1974890.0	0.33217	Y
2	IC 280-533108/23	1.0	0.292222	50.0	1960666.0	0.292222	Y
3	IC 280-533108/22	2.0	0.602149	50.0	1910075.0	0.301075	Y
4	IC 280-533108/21	5.0	1.574308	50.0	1918462.0	0.314862	Y
5	IC 280-533108/20	10.0	3.21249	50.0	1906683.0	0.321249	N
6	ICIS 280-533108/19	50.0	16.681856	50.0	1937785.0	0.333637	Y
7	IC 280-533108/18	75.0	24.053699	50.0	1958468.0	0.320716	Y
8	IC 280-533108/17	100.0	32.955092	50.0	1861421.0	0.329551	Y
9	IC 280-533108/14	200.0	62.614246	50.0	2000615.0	0.313071	Y



Calibration

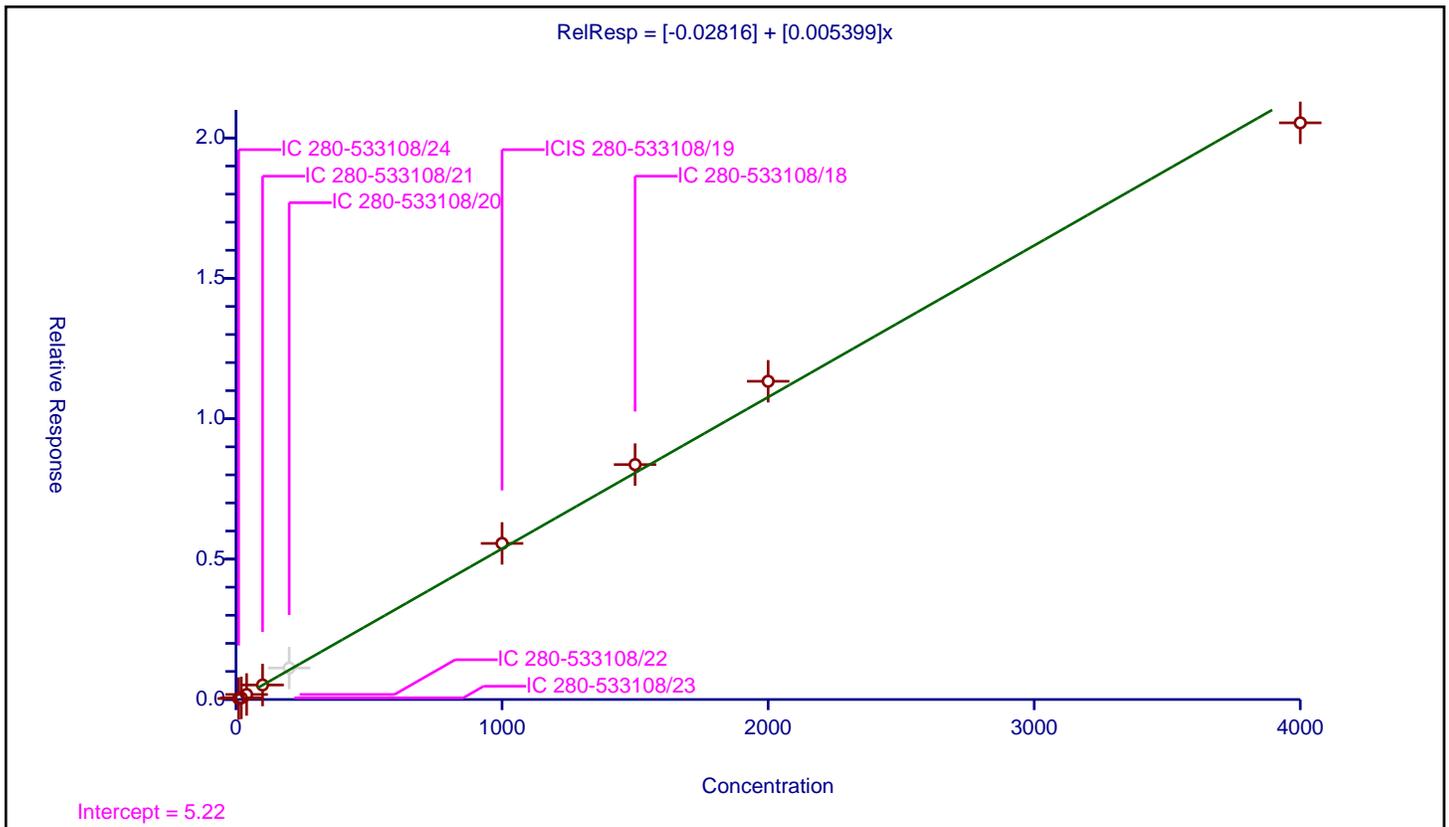
/ 1,4-Dioxane

Curve Type: Linear  
 Weighting: Conc  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.02816
Slope:	0.005399

Error Coefficients	
Standard Error:	410000
Relative Standard Error:	11.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	10.0	0.034761	50.0	1974890.0	0.003476	Y
2	IC 280-533108/23	20.0	0.057123	50.0	1960666.0	0.002856	Y
3	IC 280-533108/22	40.0	0.179155	50.0	1910075.0	0.004479	Y
4	IC 280-533108/21	100.0	0.51669	50.0	1918462.0	0.005167	Y
5	IC 280-533108/20	200.0	1.12242	50.0	1906683.0	0.005612	N
6	ICIS 280-533108/19	1000.0	5.559053	50.0	1937785.0	0.005559	Y
7	IC 280-533108/18	1500.0	8.367203	50.0	1958468.0	0.005578	Y
8	IC 280-533108/17	2000.0	11.334459	50.0	1861421.0	0.005667	Y
9	IC 280-533108/14	4000.0	20.539484	50.0	2000615.0	0.005135	Y



Calibration

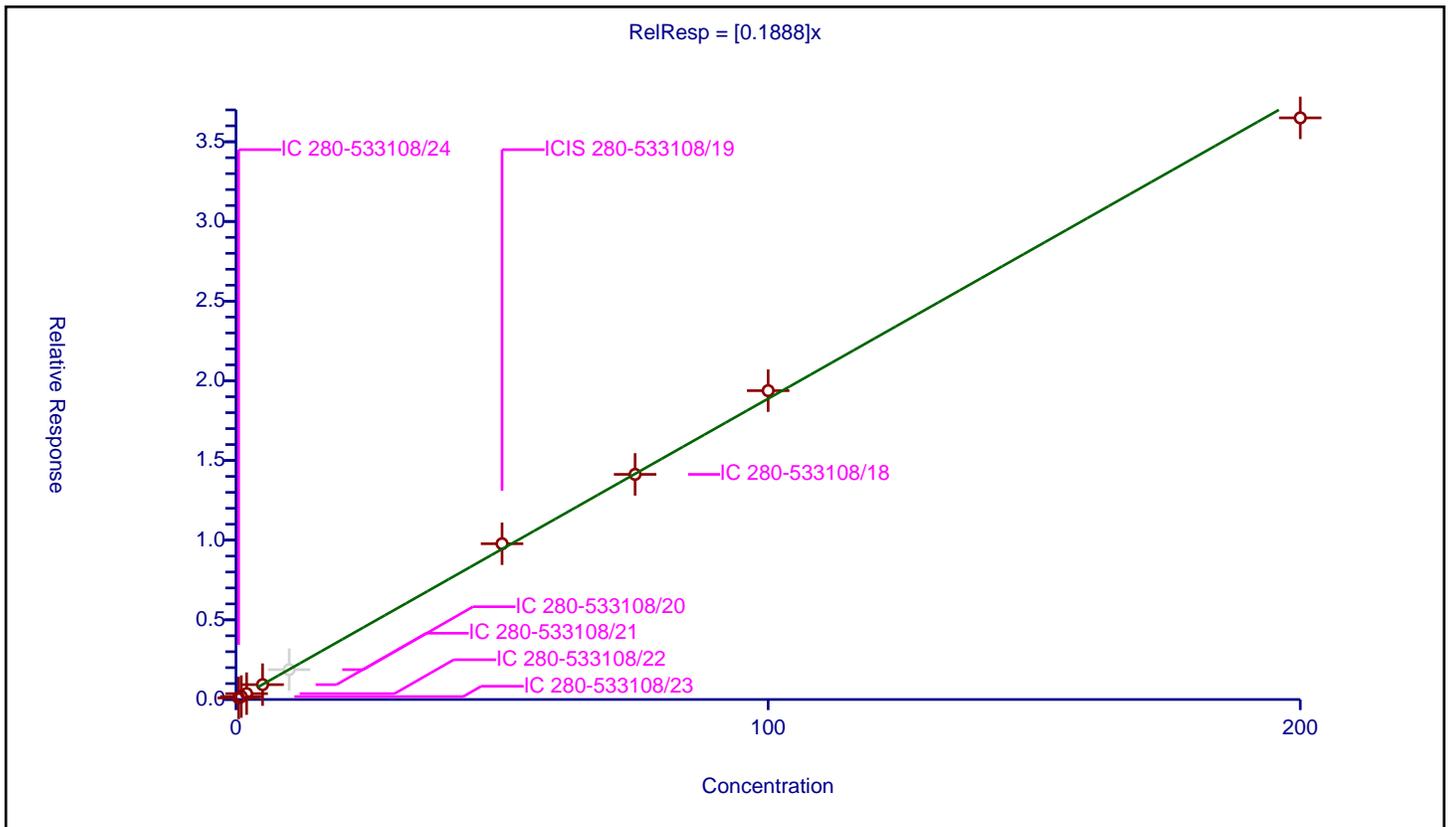
/ Dibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1888

Error Coefficients	
Standard Error:	666000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.097373	50.0	1974890.0	0.194745	Y
2	IC 280-533108/23	1.0	0.184555	50.0	1960666.0	0.184555	Y
3	IC 280-533108/22	2.0	0.36852	50.0	1910075.0	0.18426	Y
4	IC 280-533108/21	5.0	0.933326	50.0	1918462.0	0.186665	Y
5	IC 280-533108/20	10.0	1.872073	50.0	1906683.0	0.187207	N
6	ICIS 280-533108/19	50.0	9.775181	50.0	1937785.0	0.195504	Y
7	IC 280-533108/18	75.0	14.126782	50.0	1958468.0	0.188357	Y
8	IC 280-533108/17	100.0	19.380006	50.0	1861421.0	0.1938	Y
9	IC 280-533108/14	200.0	36.498977	50.0	2000615.0	0.182495	Y



**Calibration**

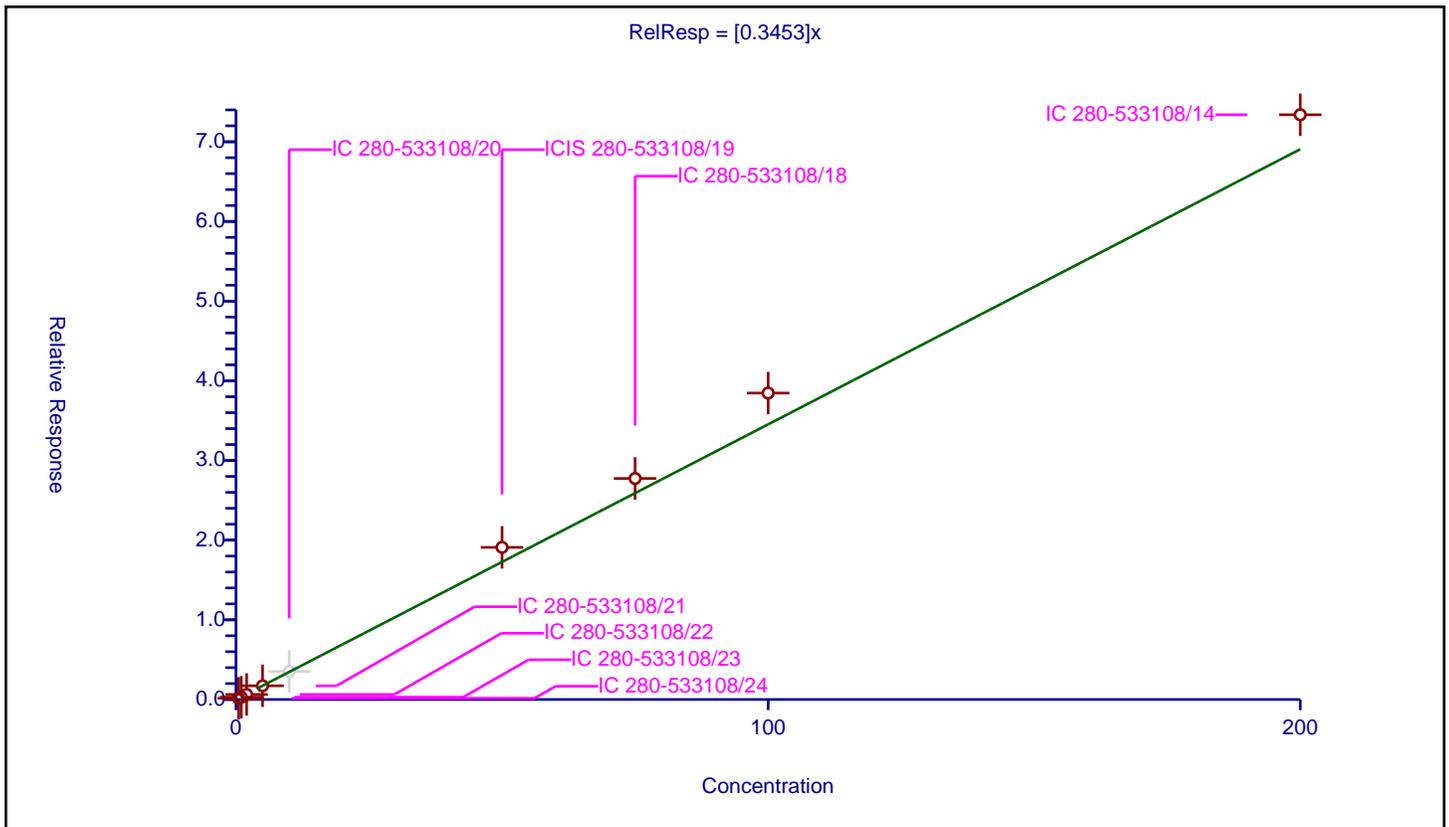
/ Dichlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3453

Error Coefficients	
Standard Error:	1330000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.154363	50.0	1974890.0	0.308726	Y
2	IC 280-533108/23	1.0	0.290208	50.0	1960666.0	0.290208	Y
3	IC 280-533108/22	2.0	0.633614	50.0	1910075.0	0.316807	Y
4	IC 280-533108/21	5.0	1.717939	50.0	1918462.0	0.343588	Y
5	IC 280-533108/20	10.0	3.516132	50.0	1906683.0	0.351613	N
6	ICIS 280-533108/19	50.0	19.093733	50.0	1937785.0	0.381875	Y
7	IC 280-533108/18	75.0	27.738237	50.0	1958468.0	0.369843	Y
8	IC 280-533108/17	100.0	38.459892	50.0	1861421.0	0.384599	Y
9	IC 280-533108/14	200.0	73.390582	50.0	2000615.0	0.366953	Y



Calibration

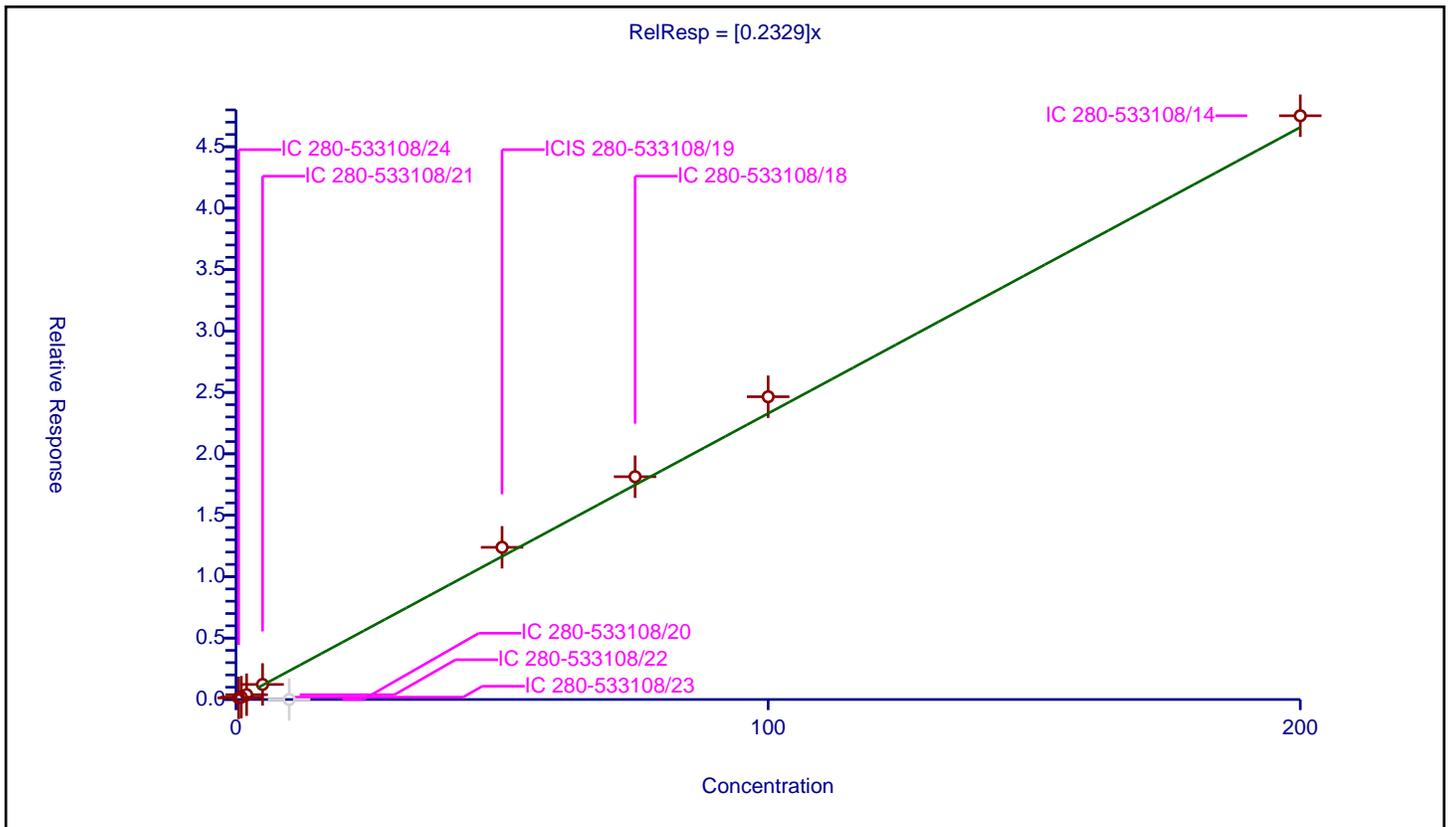
/ 2-Chloroethyl vinyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2329

Error Coefficients	
Standard Error:	862000
Relative Standard Error:	10.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.128387	50.0	1974890.0	0.256774	Y
2	IC 280-533108/23	1.0	0.191517	50.0	1960666.0	0.191517	Y
3	IC 280-533108/22	2.0	0.392367	50.0	1910075.0	0.196183	Y
4	IC 280-533108/21	5.0	1.225174	50.0	1918462.0	0.245035	Y
5	IC 280-533108/20	10.0	0.0	50.0	1906683.0	0.0	N
6	ICIS 280-533108/19	50.0	12.388862	50.0	1937785.0	0.247777	Y
7	IC 280-533108/18	75.0	18.138182	50.0	1958468.0	0.241842	Y
8	IC 280-533108/17	100.0	24.648427	50.0	1861421.0	0.246484	Y
9	IC 280-533108/14	200.0	47.523337	50.0	2000615.0	0.237617	Y



**Calibration**

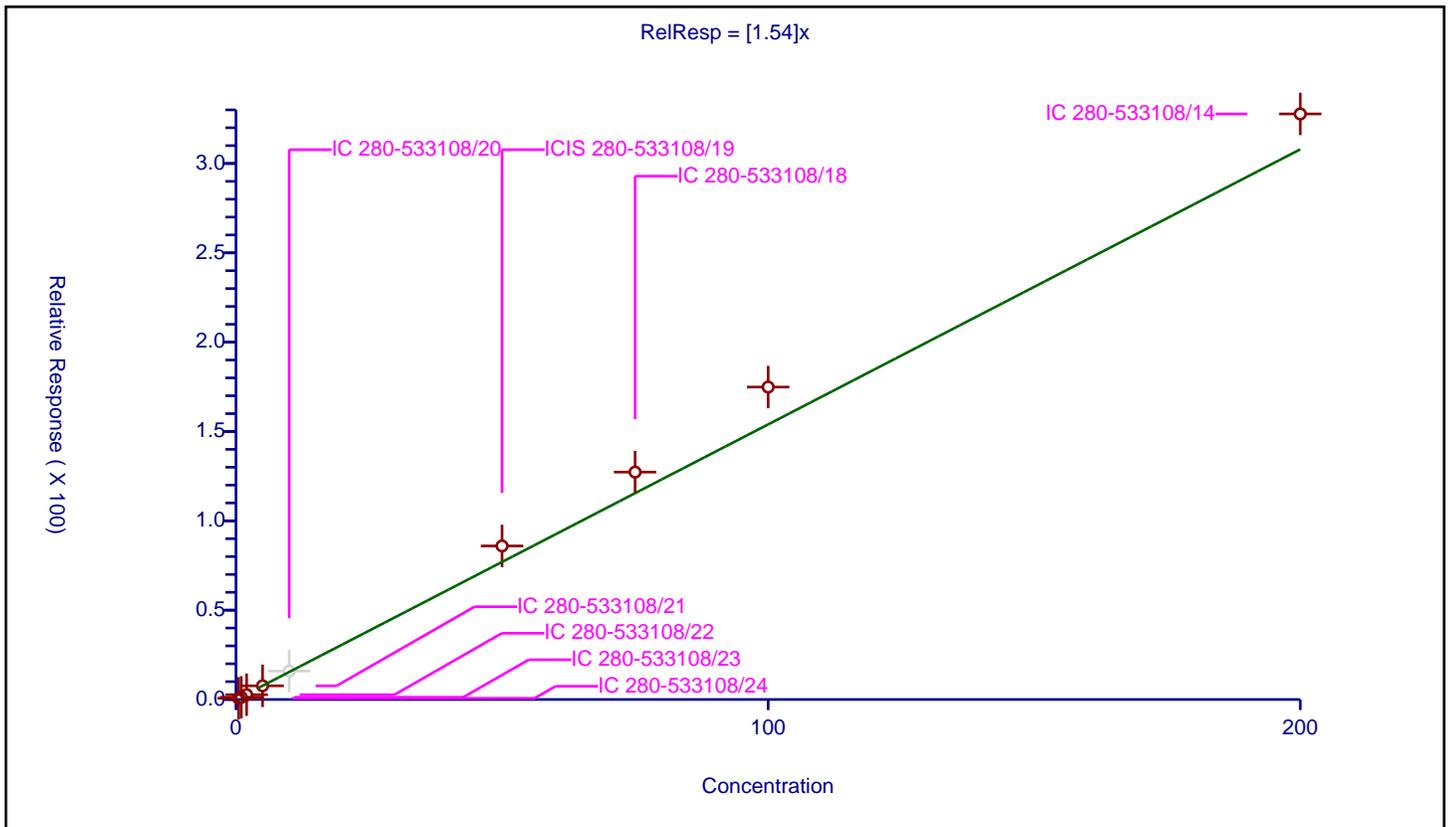
/ cis-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.54

Error Coefficients	
Standard Error:	1820000
Relative Standard Error:	12.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.688815	50.0	600379.0	1.37763	Y
2	IC 280-533108/23	1.0	1.260924	50.0	595357.0	1.260924	Y
3	IC 280-533108/22	2.0	2.68851	50.0	574333.0	1.344255	Y
4	IC 280-533108/21	5.0	7.654624	50.0	572791.0	1.530925	Y
5	IC 280-533108/20	10.0	15.888795	50.0	569310.0	1.58888	N
6	ICIS 280-533108/19	50.0	85.933959	50.0	585513.0	1.718679	Y
7	IC 280-533108/18	75.0	127.274286	50.0	586305.0	1.69699	Y
8	IC 280-533108/17	100.0	174.873238	50.0	558725.0	1.748732	Y
9	IC 280-533108/14	200.0	327.740783	50.0	612407.0	1.638704	Y



**Calibration**

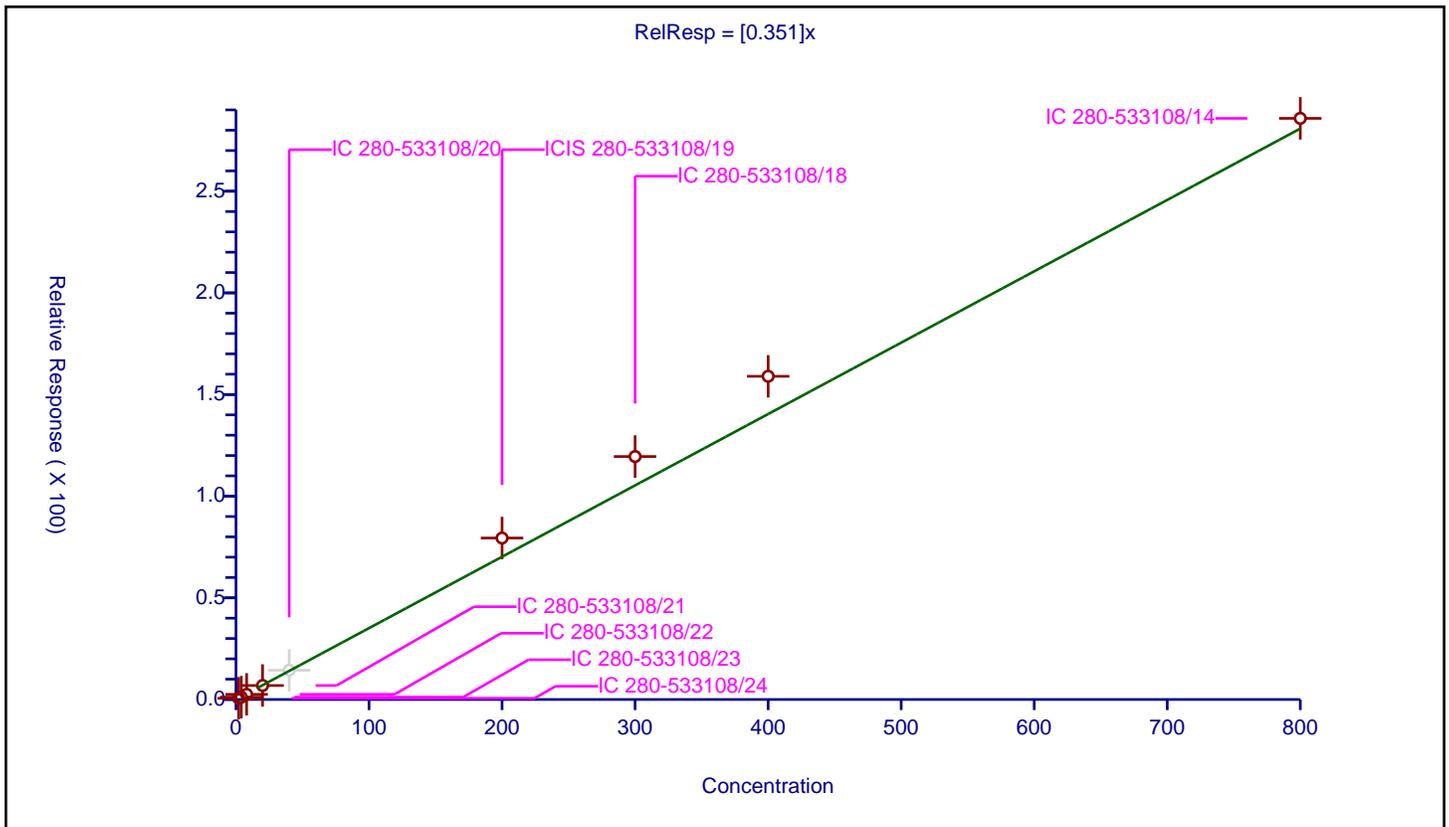
**/ 4-Methyl-2-pentanone (MIBK)**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.351

Error Coefficients	
Standard Error:	5310000
Relative Standard Error:	12.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	2.0	0.60973	50.0	1974890.0	0.304865	Y
2	IC 280-533108/23	4.0	1.166313	50.0	1960666.0	0.291578	Y
3	IC 280-533108/22	8.0	2.542387	50.0	1910075.0	0.317798	Y
4	IC 280-533108/21	20.0	6.873735	50.0	1918462.0	0.343687	Y
5	IC 280-533108/20	40.0	14.370428	50.0	1906683.0	0.359261	N
6	ICIS 280-533108/19	200.0	79.417582	50.0	1937785.0	0.397088	Y
7	IC 280-533108/18	300.0	119.501825	50.0	1958468.0	0.398339	Y
8	IC 280-533108/17	400.0	158.966886	50.0	1861421.0	0.397417	Y
9	IC 280-533108/14	800.0	285.837555	50.0	2000615.0	0.357297	Y



**Calibration**

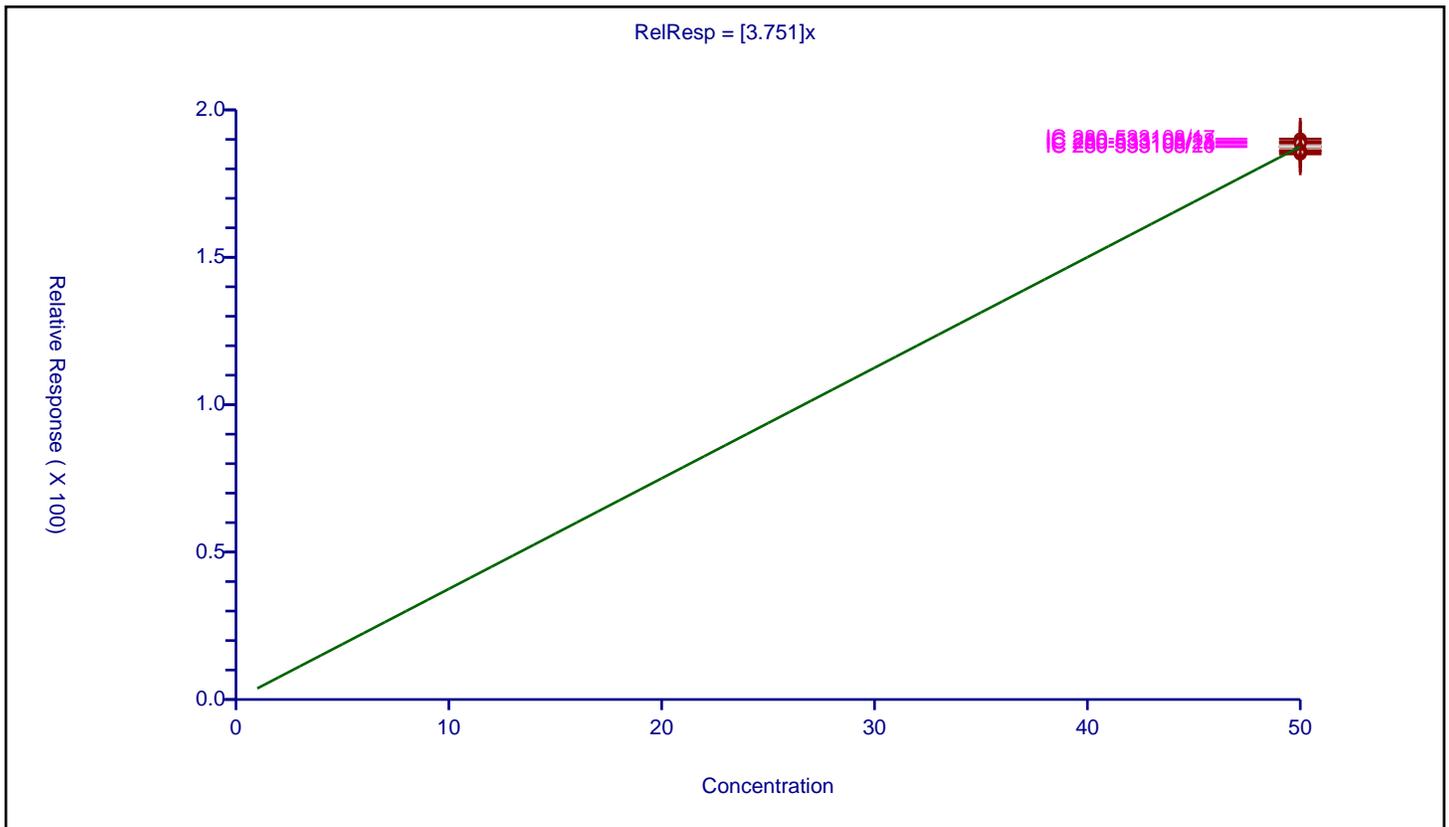
/ Toluene-d8 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.751

Error Coefficients	
Standard Error:	2350000
Relative Standard Error:	0.9
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/14	50.0	187.547987	50.0	612407.0	3.75096	Y
2	IC 280-533108/17	50.0	190.12439	50.0	558725.0	3.802488	Y
3	IC 280-533108/18	50.0	189.179693	50.0	586305.0	3.783594	Y
4	ICIS 280-533108/19	50.0	187.498997	50.0	585513.0	3.74998	Y
5	IC 280-533108/20	50.0	187.6028	50.0	569310.0	3.752056	N
6	IC 280-533108/21	50.0	188.756545	50.0	572791.0	3.775131	Y
7	IC 280-533108/22	50.0	186.209307	50.0	574333.0	3.724186	Y
8	IC 280-533108/23	50.0	185.051658	50.0	595357.0	3.701033	Y
9	IC 280-533108/24	50.0	185.917645	50.0	600379.0	3.718353	Y



Calibration

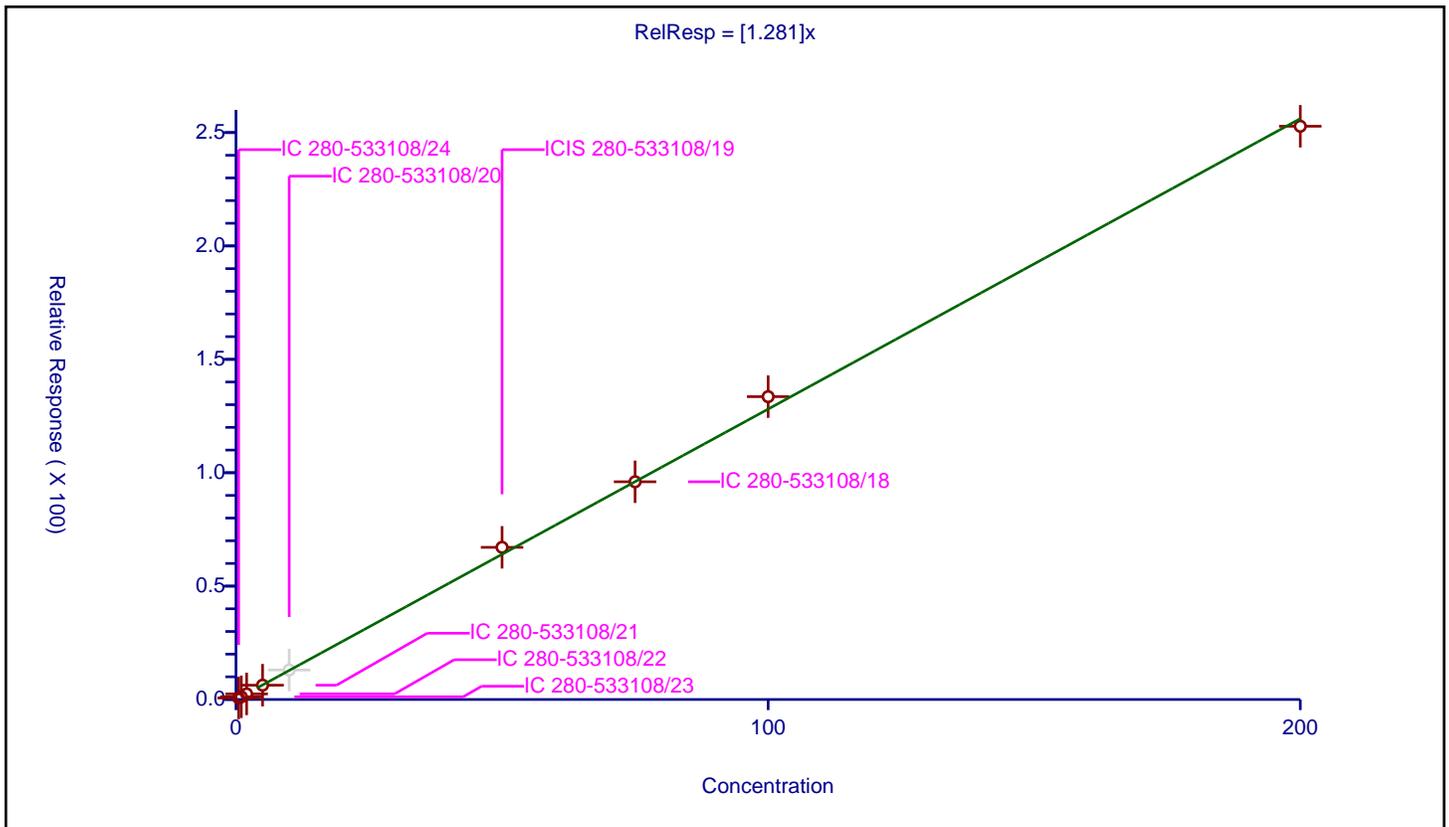
/ Toluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.281

Error Coefficients	
Standard Error:	4600000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.664645	50.0	1974890.0	1.329289	Y
2	IC 280-533108/23	1.0	1.200255	50.0	1960666.0	1.200255	Y
3	IC 280-533108/22	2.0	2.46383	50.0	1910075.0	1.231915	Y
4	IC 280-533108/21	5.0	6.31141	50.0	1918462.0	1.262282	Y
5	IC 280-533108/20	10.0	13.010553	50.0	1906683.0	1.301055	N
6	ICIS 280-533108/19	50.0	67.103162	50.0	1937785.0	1.342063	Y
7	IC 280-533108/18	75.0	96.01224	50.0	1958468.0	1.280163	Y
8	IC 280-533108/17	100.0	133.548241	50.0	1861421.0	1.335482	Y
9	IC 280-533108/14	200.0	252.787543	50.0	2000615.0	1.263938	Y



Calibration

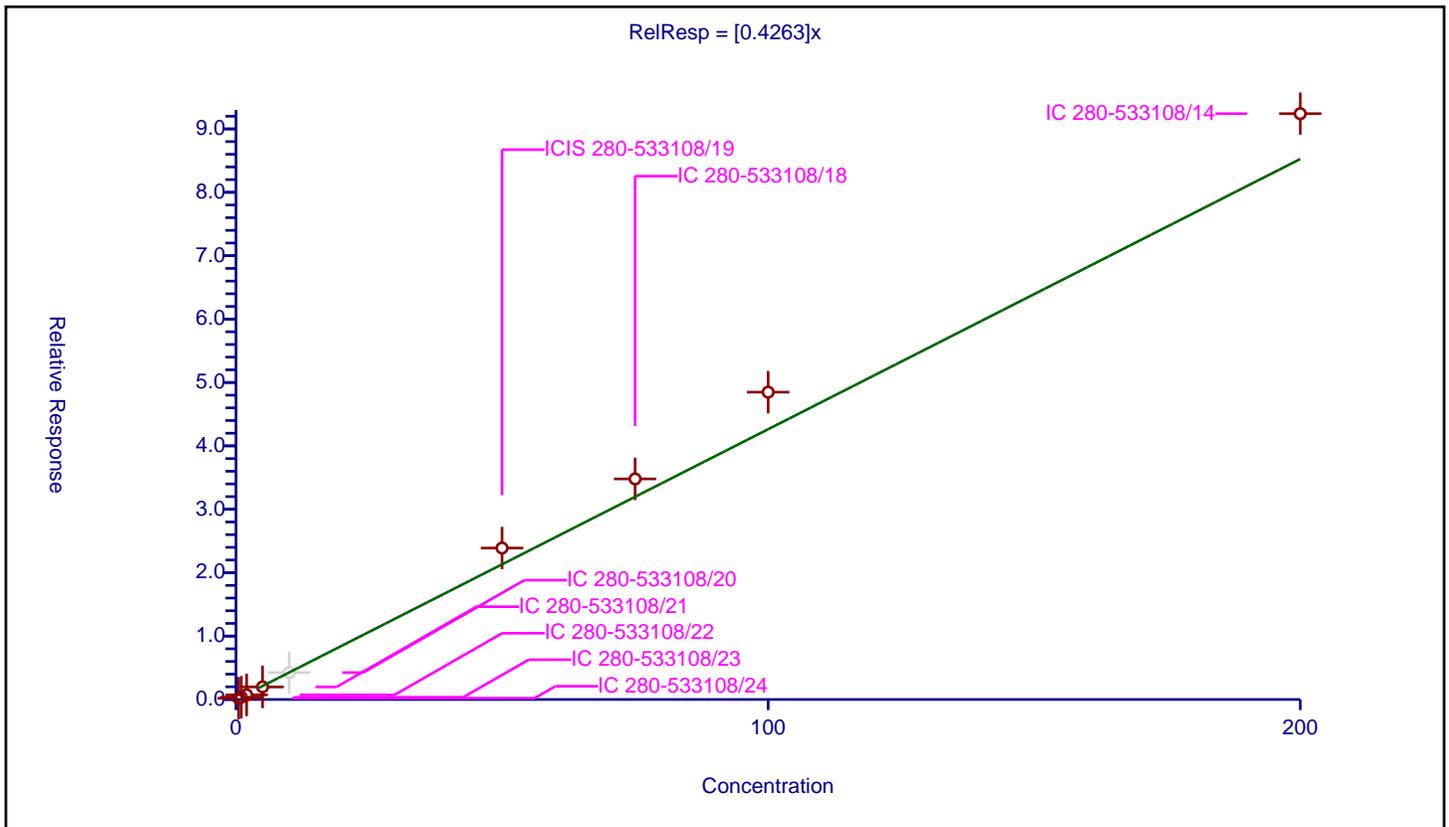
/ trans-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4263

Error Coefficients	
Standard Error:	1680000
Relative Standard Error:	12.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.202619	50.0	1974890.0	0.405238	Y
2	IC 280-533108/23	1.0	0.355185	50.0	1960666.0	0.355185	Y
3	IC 280-533108/22	2.0	0.729762	50.0	1910075.0	0.364881	Y
4	IC 280-533108/21	5.0	1.981978	50.0	1918462.0	0.396396	Y
5	IC 280-533108/20	10.0	4.247166	50.0	1906683.0	0.424717	N
6	ICIS 280-533108/19	50.0	23.888228	50.0	1937785.0	0.477765	Y
7	IC 280-533108/18	75.0	34.794212	50.0	1958468.0	0.463923	Y
8	IC 280-533108/17	100.0	48.475117	50.0	1861421.0	0.484751	Y
9	IC 280-533108/14	200.0	92.404611	50.0	2000615.0	0.462023	Y



**Calibration**

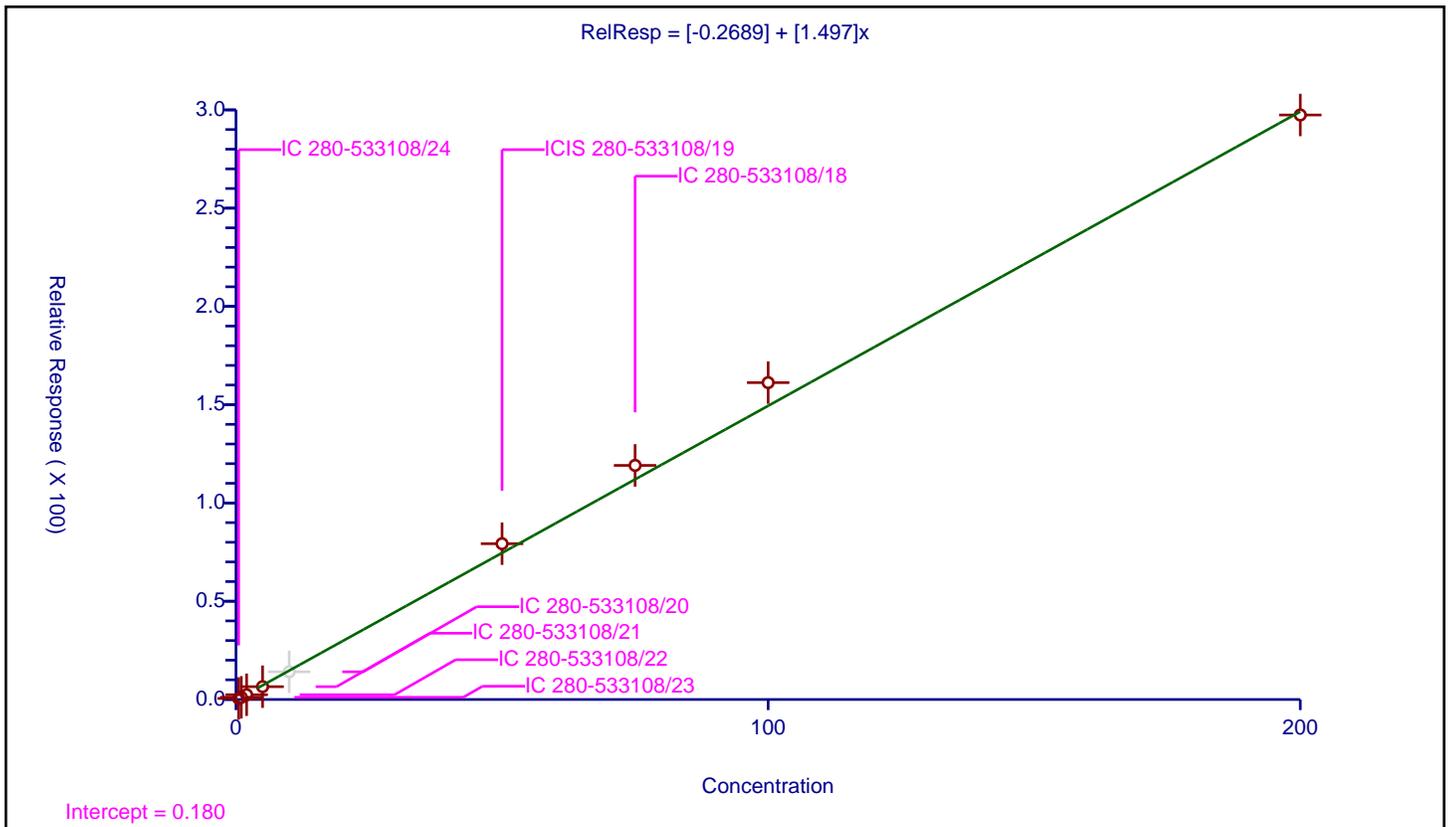
/ Ethyl methacrylate

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.2689
Slope:	1.497

Error Coefficients	
Standard Error:	1790000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.533246	50.0	600379.0	1.066493	Y
2	IC 280-533108/23	1.0	1.112946	50.0	595357.0	1.112946	Y
3	IC 280-533108/22	2.0	2.420373	50.0	574333.0	1.210186	Y
4	IC 280-533108/21	5.0	6.525941	50.0	572791.0	1.305188	Y
5	IC 280-533108/20	10.0	14.098207	50.0	569310.0	1.409821	N
6	ICIS 280-533108/19	50.0	79.266216	50.0	585513.0	1.585324	Y
7	IC 280-533108/18	75.0	119.110958	50.0	586305.0	1.588146	Y
8	IC 280-533108/17	100.0	161.22869	50.0	558725.0	1.612287	Y
9	IC 280-533108/14	200.0	297.410056	50.0	612407.0	1.48705	Y



Calibration

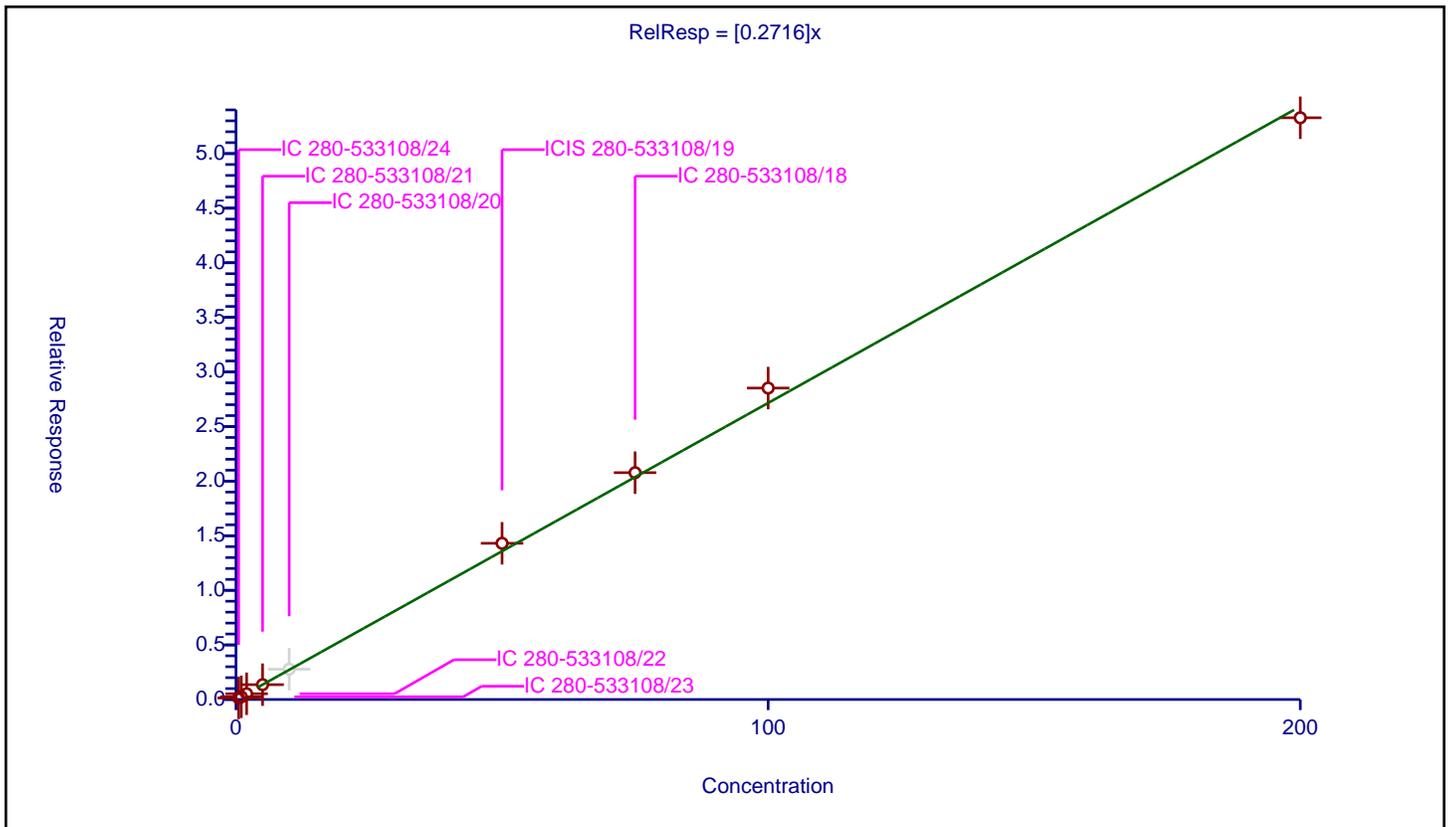
/ 1,1,2-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2716

Error Coefficients	
Standard Error:	974000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.138565	50.0	1974890.0	0.277129	Y
2	IC 280-533108/23	1.0	0.246829	50.0	1960666.0	0.246829	Y
3	IC 280-533108/22	2.0	0.524587	50.0	1910075.0	0.262293	Y
4	IC 280-533108/21	5.0	1.358223	50.0	1918462.0	0.271645	Y
5	IC 280-533108/20	10.0	2.775658	50.0	1906683.0	0.277566	N
6	ICIS 280-533108/19	50.0	14.306954	50.0	1937785.0	0.286139	Y
7	IC 280-533108/18	75.0	20.773763	50.0	1958468.0	0.276984	Y
8	IC 280-533108/17	100.0	28.523155	50.0	1861421.0	0.285232	Y
9	IC 280-533108/14	200.0	53.279217	50.0	2000615.0	0.266396	Y



**Calibration**

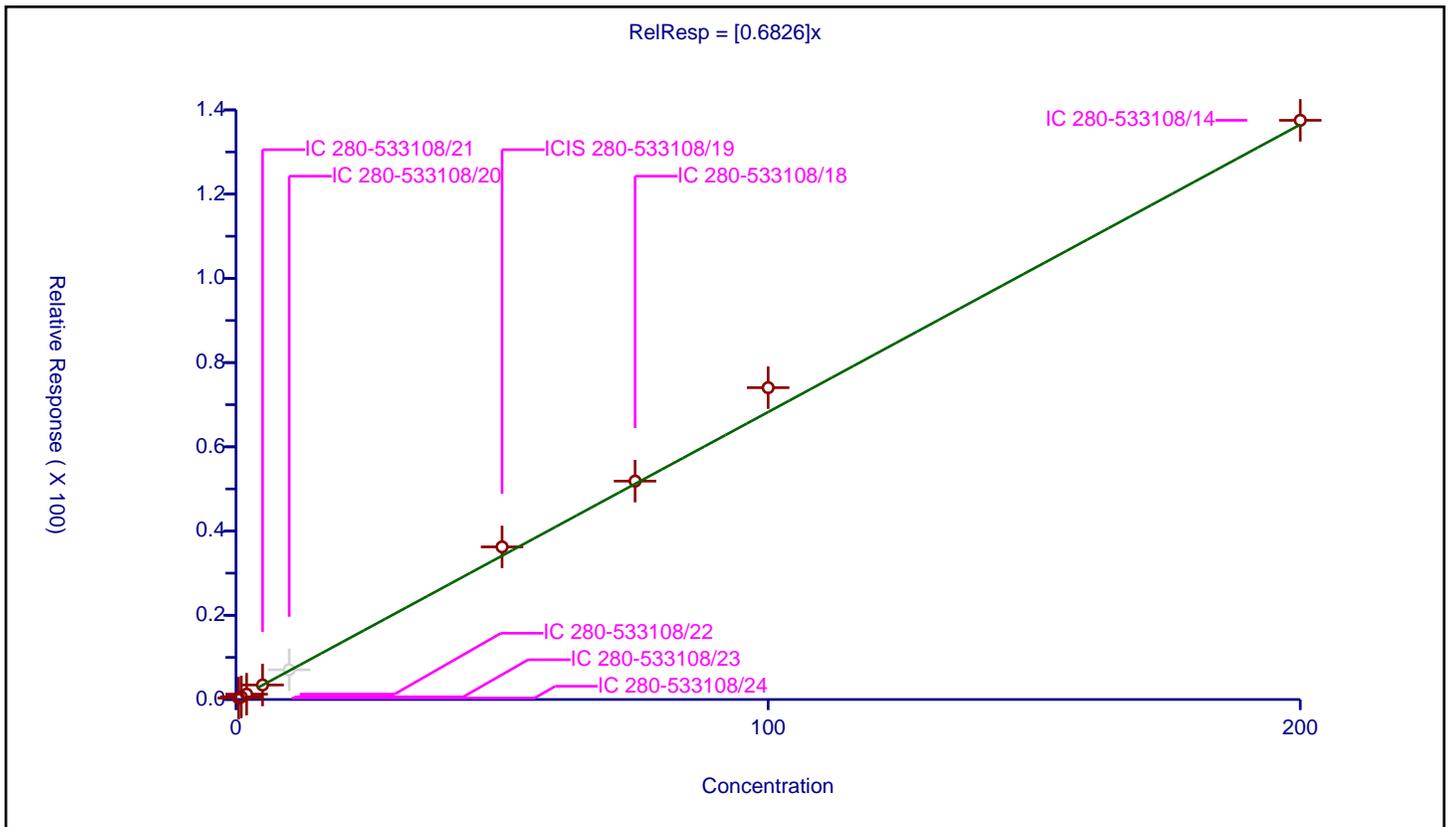
**/ Tetrachloroethene**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6826

Error Coefficients	
Standard Error:	763000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.335954	50.0	600379.0	0.671909	Y
2	IC 280-533108/23	1.0	0.619544	50.0	595357.0	0.619544	Y
3	IC 280-533108/22	2.0	1.271562	50.0	574333.0	0.635781	Y
4	IC 280-533108/21	5.0	3.445061	50.0	572791.0	0.689012	Y
5	IC 280-533108/20	10.0	7.053538	50.0	569310.0	0.705354	N
6	ICIS 280-533108/19	50.0	36.235489	50.0	585513.0	0.72471	Y
7	IC 280-533108/18	75.0	51.859698	50.0	586305.0	0.691463	Y
8	IC 280-533108/17	100.0	74.042865	50.0	558725.0	0.740429	Y
9	IC 280-533108/14	200.0	137.526759	50.0	612407.0	0.687634	Y



Calibration

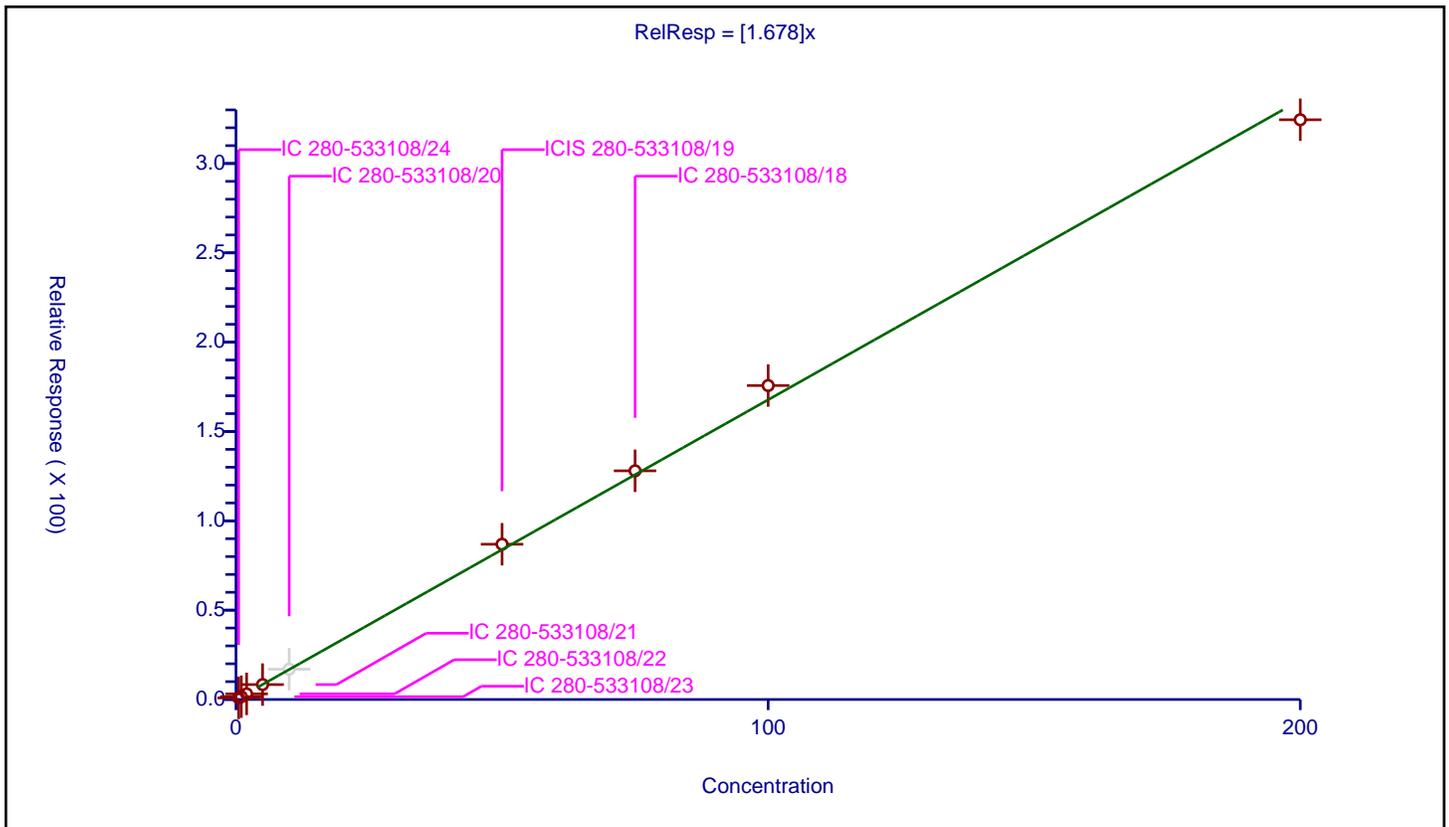
/ 1,3-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.678

Error Coefficients	
Standard Error:	1810000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.885108	50.0	600379.0	1.770215	Y
2	IC 280-533108/23	1.0	1.587535	50.0	595357.0	1.587535	Y
3	IC 280-533108/22	2.0	3.140164	50.0	574333.0	1.570082	Y
4	IC 280-533108/21	5.0	8.340913	50.0	572791.0	1.668183	Y
5	IC 280-533108/20	10.0	16.961058	50.0	569310.0	1.696106	N
6	ICIS 280-533108/19	50.0	86.89696	50.0	585513.0	1.737939	Y
7	IC 280-533108/18	75.0	127.993195	50.0	586305.0	1.706576	Y
8	IC 280-533108/17	100.0	175.714439	50.0	558725.0	1.757144	Y
9	IC 280-533108/14	200.0	324.484207	50.0	612407.0	1.622421	Y



**Calibration**

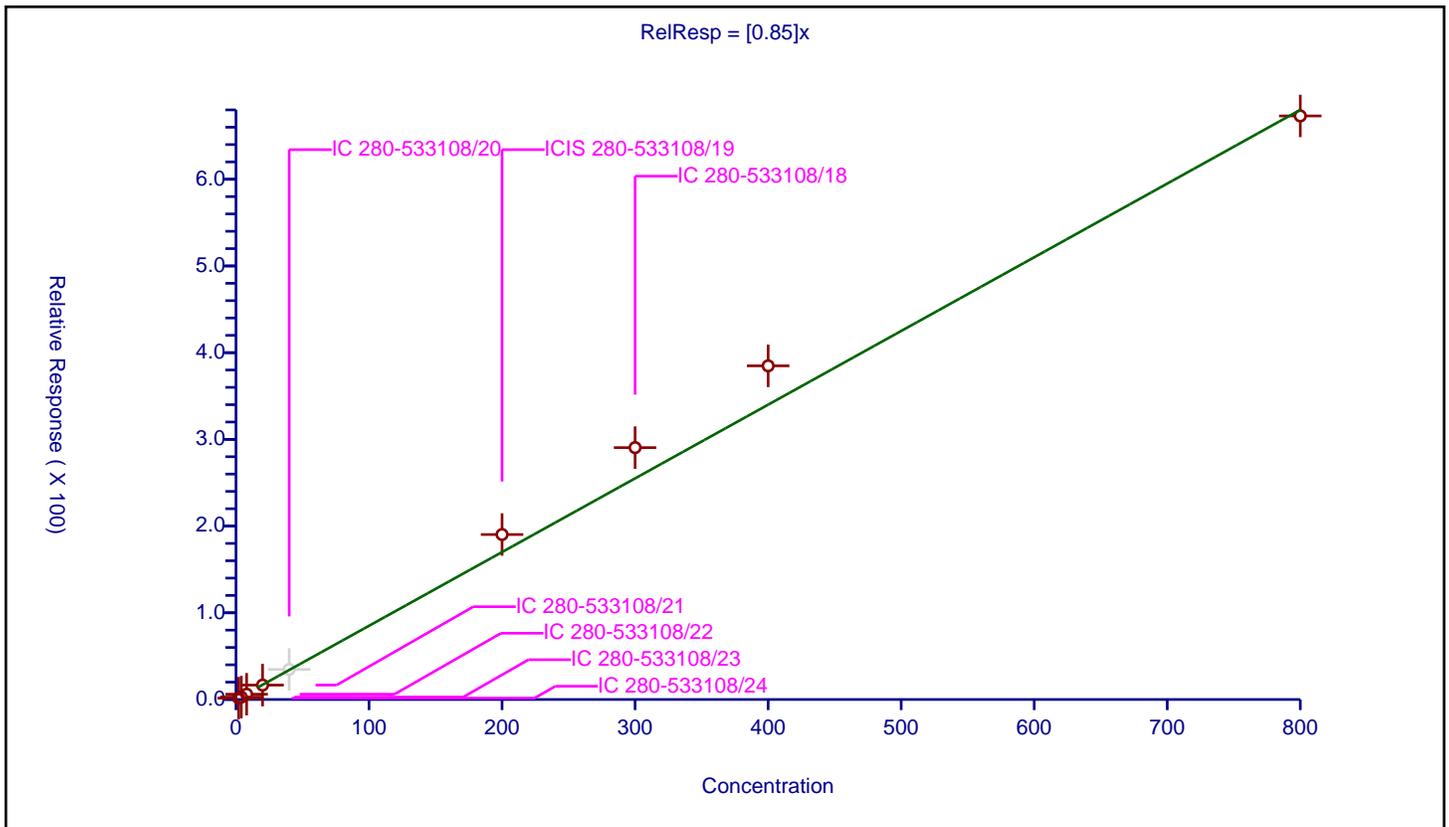
**/ 2-Hexanone**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
<b>Intercept:</b>	0
<b>Slope:</b>	0.85

Error Coefficients	
<b>Standard Error:</b>	3840000
<b>Relative Standard Error:</b>	11.9
<b>Correlation Coefficient:</b>	0.998
<b>Coefficient of Determination (Adjusted):</b>	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	2.0	1.559848	50.0	600379.0	0.779924	Y
2	IC 280-533108/23	4.0	2.809743	50.0	595357.0	0.702436	Y
3	IC 280-533108/22	8.0	6.108303	50.0	574333.0	0.763538	Y
4	IC 280-533108/21	20.0	16.625349	50.0	572791.0	0.831267	Y
5	IC 280-533108/20	40.0	34.676626	50.0	569310.0	0.866916	N
6	ICIS 280-533108/19	200.0	190.258543	50.0	585513.0	0.951293	Y
7	IC 280-533108/18	300.0	290.488654	50.0	586305.0	0.968296	Y
8	IC 280-533108/17	400.0	384.816144	50.0	558725.0	0.96204	Y
9	IC 280-533108/14	800.0	673.034273	50.0	612407.0	0.841293	Y



**Calibration**

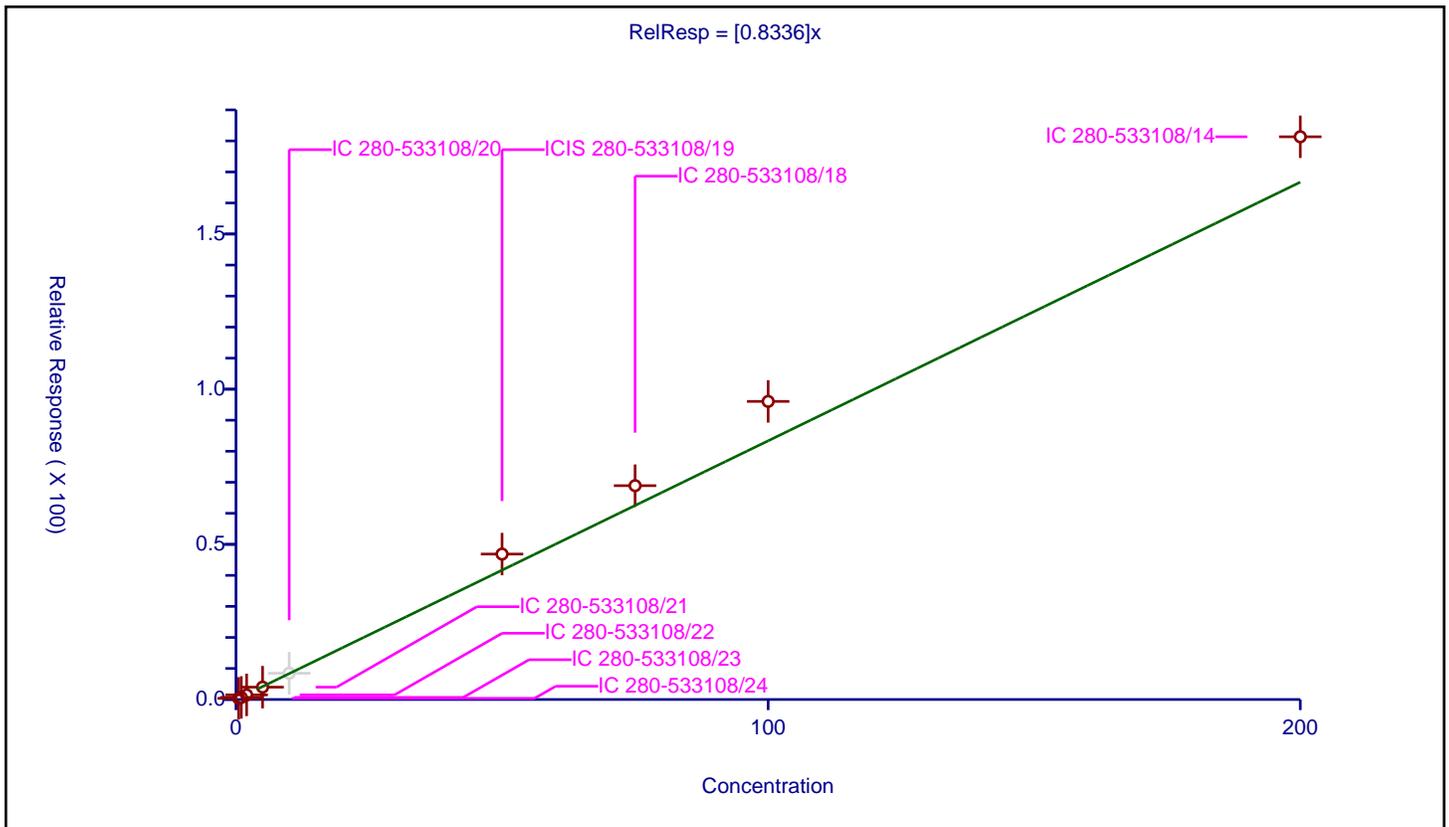
/ Chlorodibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8336

Error Coefficients	
Standard Error:	1000000
Relative Standard Error:	13.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.370683	50.0	600379.0	0.741365	Y
2	IC 280-533108/23	1.0	0.666995	50.0	595357.0	0.666995	Y
3	IC 280-533108/22	2.0	1.482676	50.0	574333.0	0.741338	Y
4	IC 280-533108/21	5.0	3.977978	50.0	572791.0	0.795596	Y
5	IC 280-533108/20	10.0	8.46112	50.0	569310.0	0.846112	N
6	ICIS 280-533108/19	50.0	46.864459	50.0	585513.0	0.937289	Y
7	IC 280-533108/18	75.0	68.910379	50.0	586305.0	0.918805	Y
8	IC 280-533108/17	100.0	96.061569	50.0	558725.0	0.960616	Y
9	IC 280-533108/14	200.0	181.339289	50.0	612407.0	0.906696	Y



**Calibration**

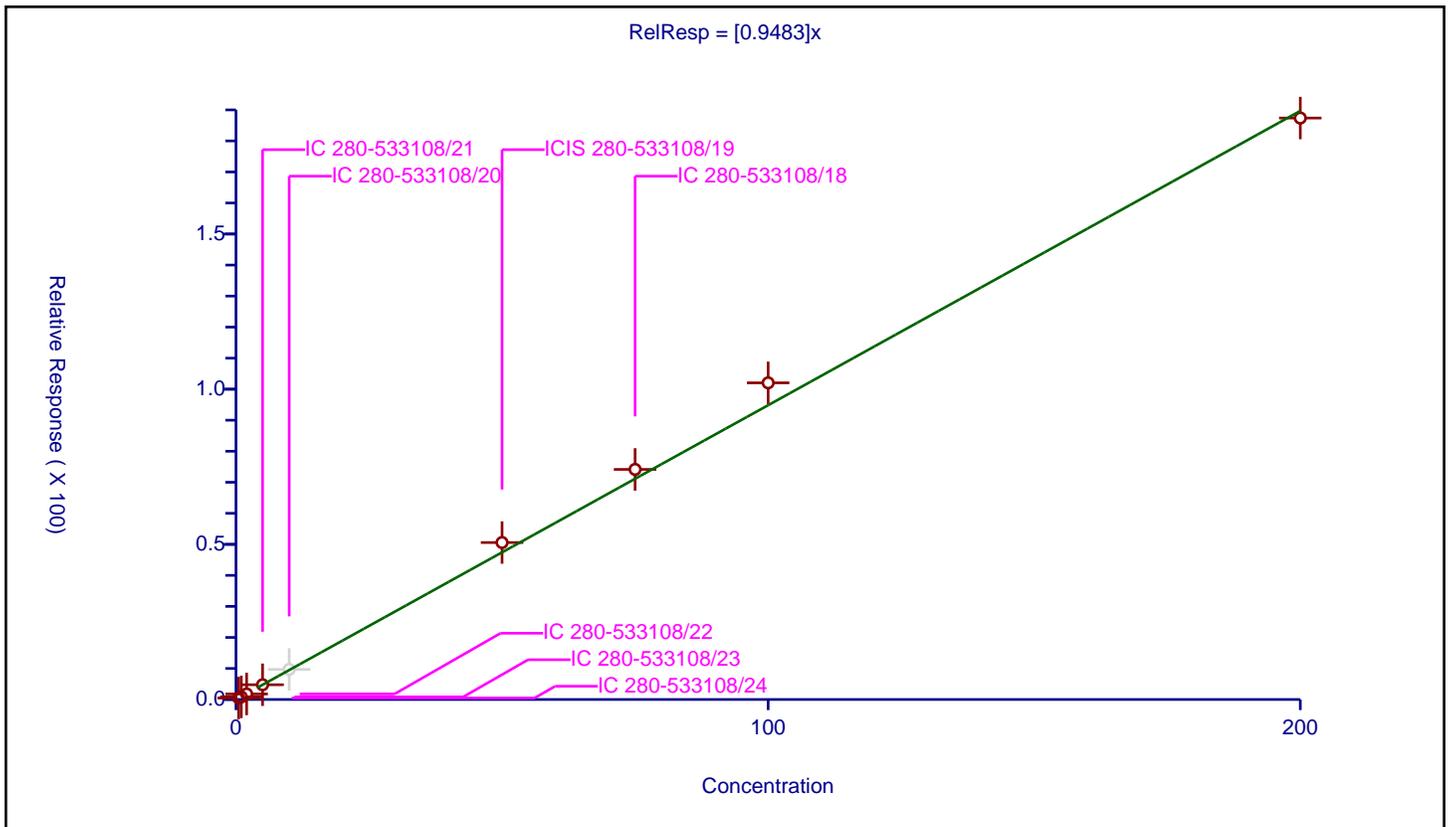
/ Ethylene Dibromide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9483

Error Coefficients	
Standard Error:	1050000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.471286	50.0	600379.0	0.942571	Y
2	IC 280-533108/23	1.0	0.844031	50.0	595357.0	0.844031	Y
3	IC 280-533108/22	2.0	1.784505	50.0	574333.0	0.892252	Y
4	IC 280-533108/21	5.0	4.752519	50.0	572791.0	0.950504	Y
5	IC 280-533108/20	10.0	9.695684	50.0	569310.0	0.969568	N
6	ICIS 280-533108/19	50.0	50.578552	50.0	585513.0	1.011571	Y
7	IC 280-533108/18	75.0	74.145027	50.0	586305.0	0.9886	Y
8	IC 280-533108/17	100.0	102.039286	50.0	558725.0	1.020393	Y
9	IC 280-533108/14	200.0	187.374083	50.0	612407.0	0.93687	Y



Calibration

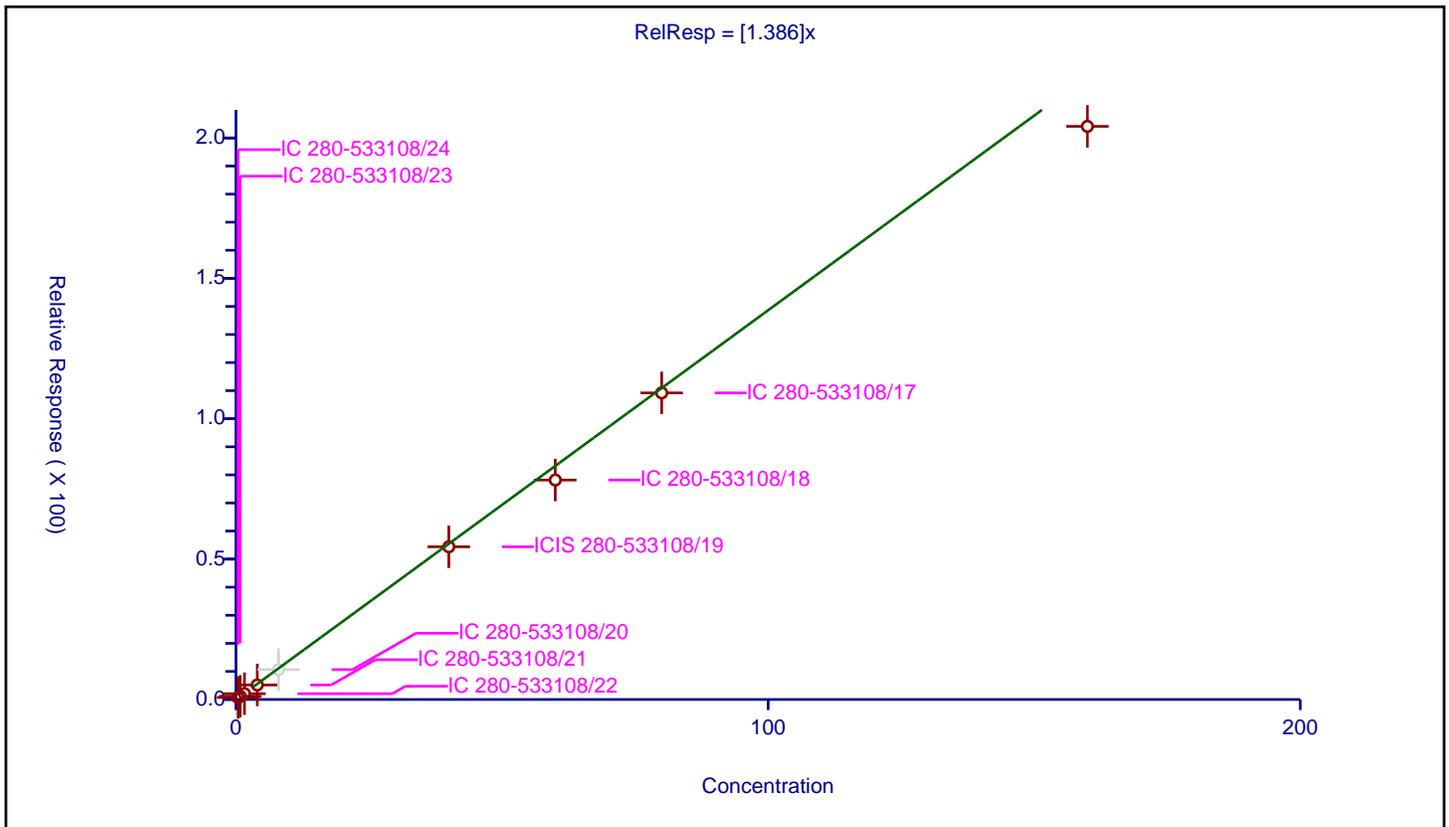
/ 1-Chlorohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.386

Error Coefficients	
Standard Error:	1130000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.4	0.711051	50.0	600379.0	1.777627	Y
2	IC 280-533108/23	0.8	1.140156	50.0	595357.0	1.425195	Y
3	IC 280-533108/22	1.6	2.067616	50.0	574333.0	1.29226	Y
4	IC 280-533108/21	4.0	5.171433	50.0	572791.0	1.292858	Y
5	IC 280-533108/20	8.0	10.646748	50.0	569310.0	1.330843	N
6	ICIS 280-533108/19	40.0	54.38863	50.0	585513.0	1.359716	Y
7	IC 280-533108/18	60.0	78.171088	50.0	586305.0	1.302851	Y
8	IC 280-533108/17	80.0	109.198622	50.0	558725.0	1.364983	Y
9	IC 280-533108/14	160.0	204.139322	50.0	612407.0	1.275871	Y



**Calibration**

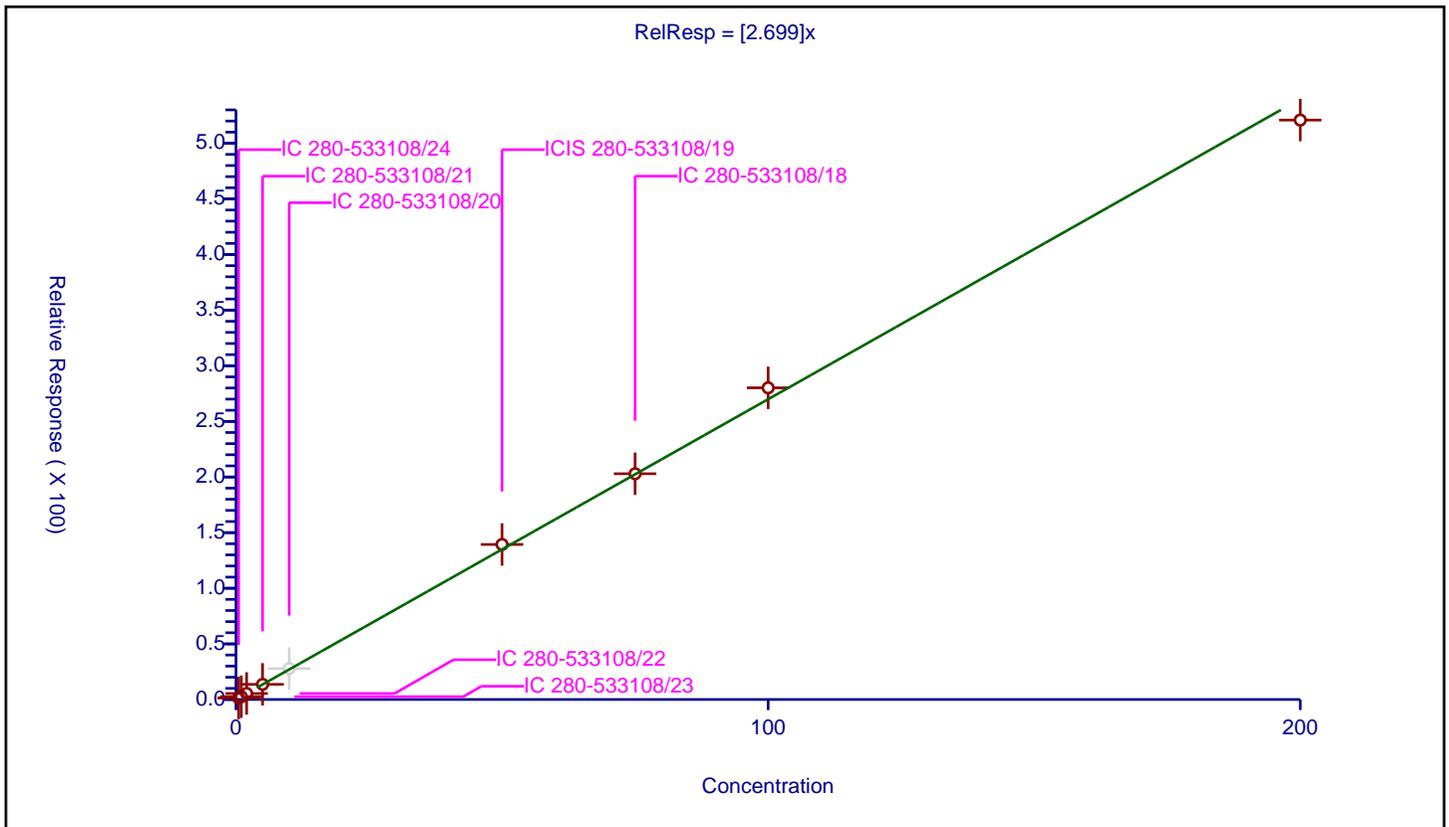
/ Chlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.699

Error Coefficients	
Standard Error:	2900000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	1.37255	50.0	600379.0	2.745099	Y
2	IC 280-533108/23	1.0	2.531338	50.0	595357.0	2.531338	Y
3	IC 280-533108/22	2.0	5.390601	50.0	574333.0	2.6953	Y
4	IC 280-533108/21	5.0	13.612295	50.0	572791.0	2.722459	Y
5	IC 280-533108/20	10.0	27.769229	50.0	569310.0	2.776923	N
6	ICIS 280-533108/19	50.0	139.348742	50.0	585513.0	2.786975	Y
7	IC 280-533108/18	75.0	202.937123	50.0	586305.0	2.705828	Y
8	IC 280-533108/17	100.0	280.160723	50.0	558725.0	2.801607	Y
9	IC 280-533108/14	200.0	520.853207	50.0	612407.0	2.604266	Y



**Calibration**

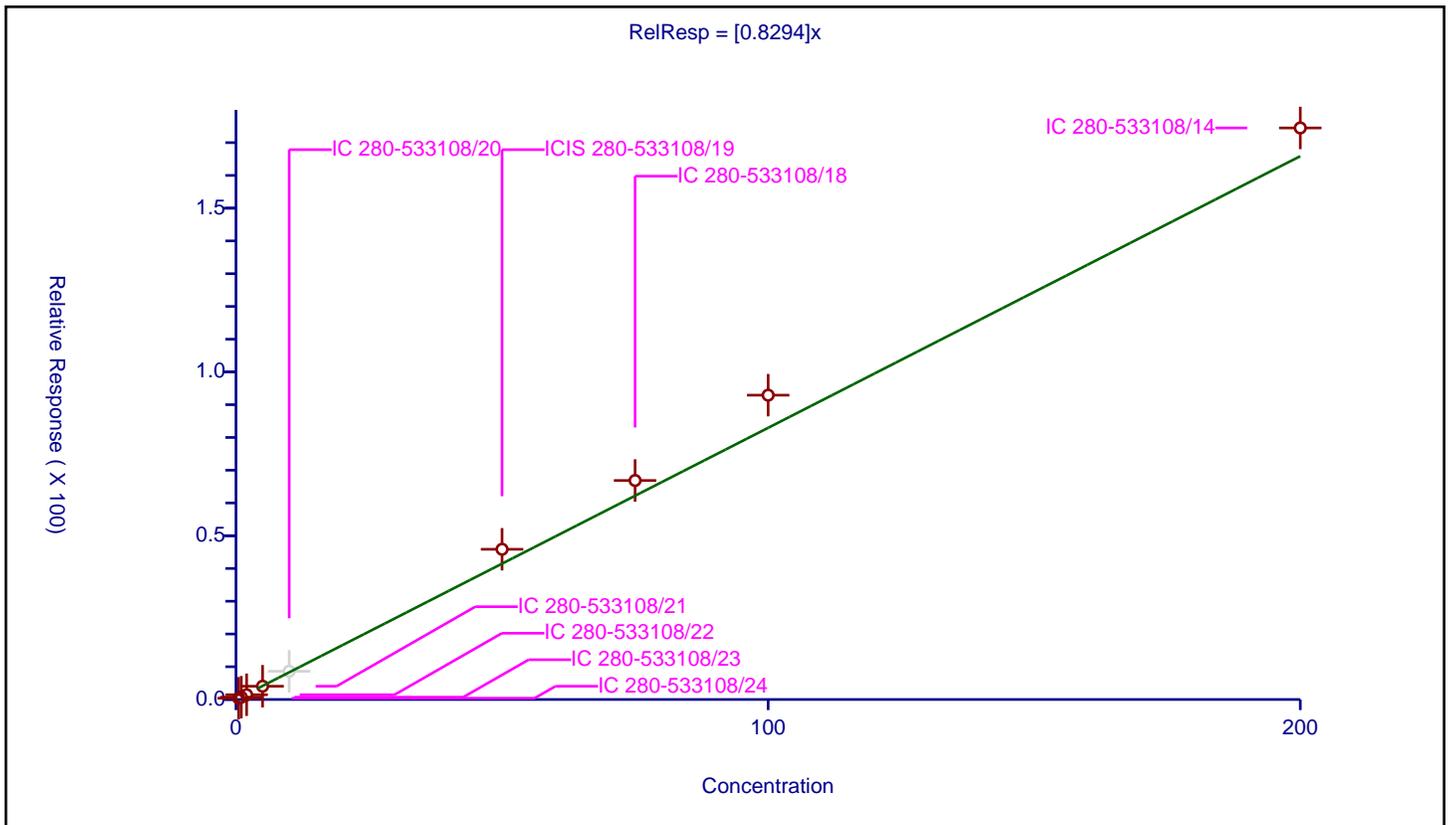
/ 1,1,1,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8294

Error Coefficients	
Standard Error:	967000
Relative Standard Error:	10.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.390087	50.0	600379.0	0.780174	Y
2	IC 280-533108/23	1.0	0.707475	50.0	595357.0	0.707475	Y
3	IC 280-533108/22	2.0	1.454296	50.0	574333.0	0.727148	Y
4	IC 280-533108/21	5.0	4.049121	50.0	572791.0	0.809824	Y
5	IC 280-533108/20	10.0	8.626144	50.0	569310.0	0.862614	N
6	ICIS 280-533108/19	50.0	45.859614	50.0	585513.0	0.917192	Y
7	IC 280-533108/18	75.0	66.857097	50.0	586305.0	0.891428	Y
8	IC 280-533108/17	100.0	92.91154	50.0	558725.0	0.929115	Y
9	IC 280-533108/14	200.0	174.488861	50.0	612407.0	0.872444	Y



**Calibration**

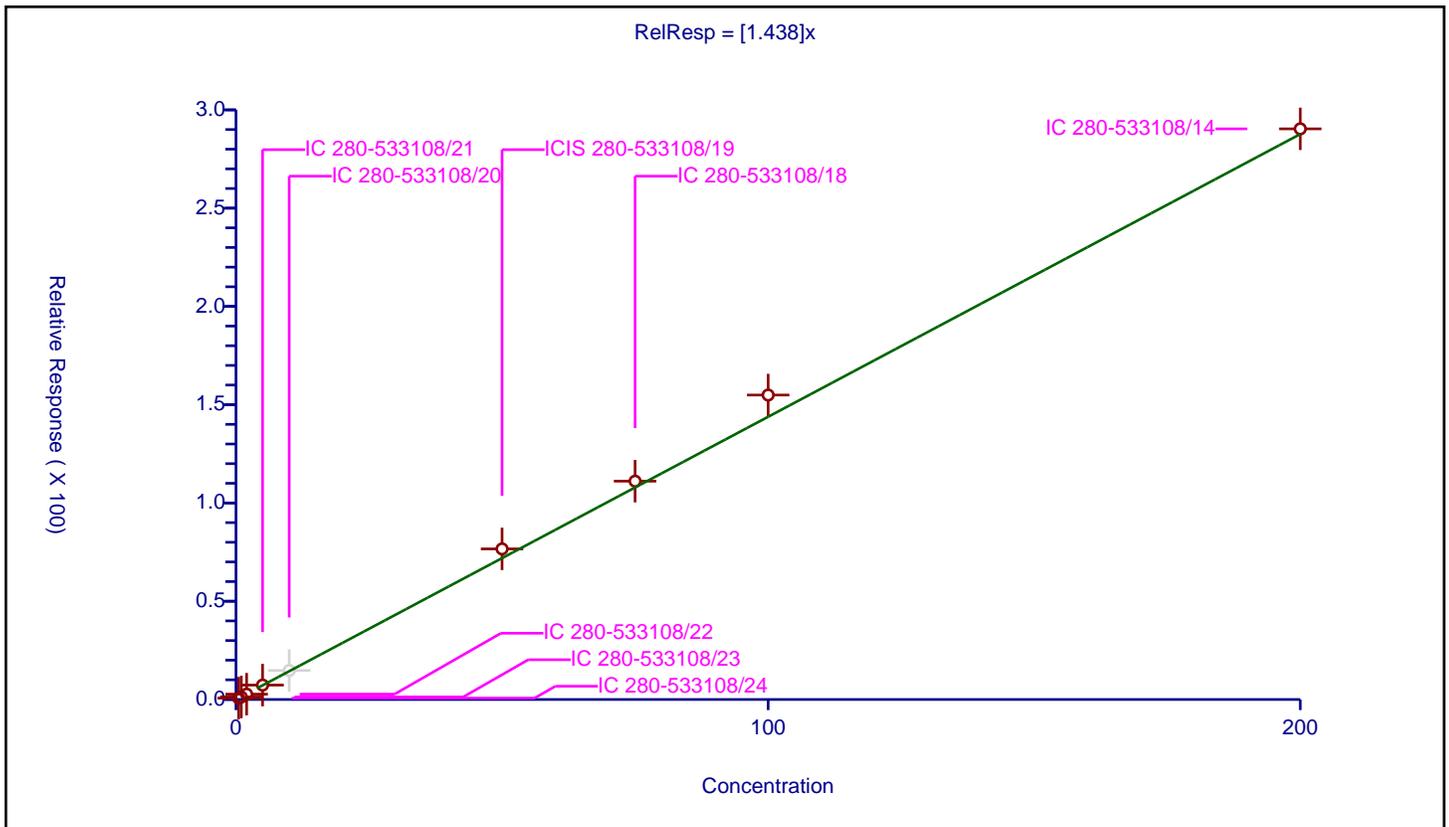
/ Ethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.438

Error Coefficients	
Standard Error:	1610000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.688482	50.0	600379.0	1.376964	Y
2	IC 280-533108/23	1.0	1.291662	50.0	595357.0	1.291662	Y
3	IC 280-533108/22	2.0	2.713147	50.0	574333.0	1.356574	Y
4	IC 280-533108/21	5.0	7.336882	50.0	572791.0	1.467376	Y
5	IC 280-533108/20	10.0	14.748028	50.0	569310.0	1.474803	N
6	ICIS 280-533108/19	50.0	76.623064	50.0	585513.0	1.532461	Y
7	IC 280-533108/18	75.0	111.087574	50.0	586305.0	1.481168	Y
8	IC 280-533108/17	100.0	154.920668	50.0	558725.0	1.549207	Y
9	IC 280-533108/14	200.0	290.35576	50.0	612407.0	1.451779	Y



Calibration

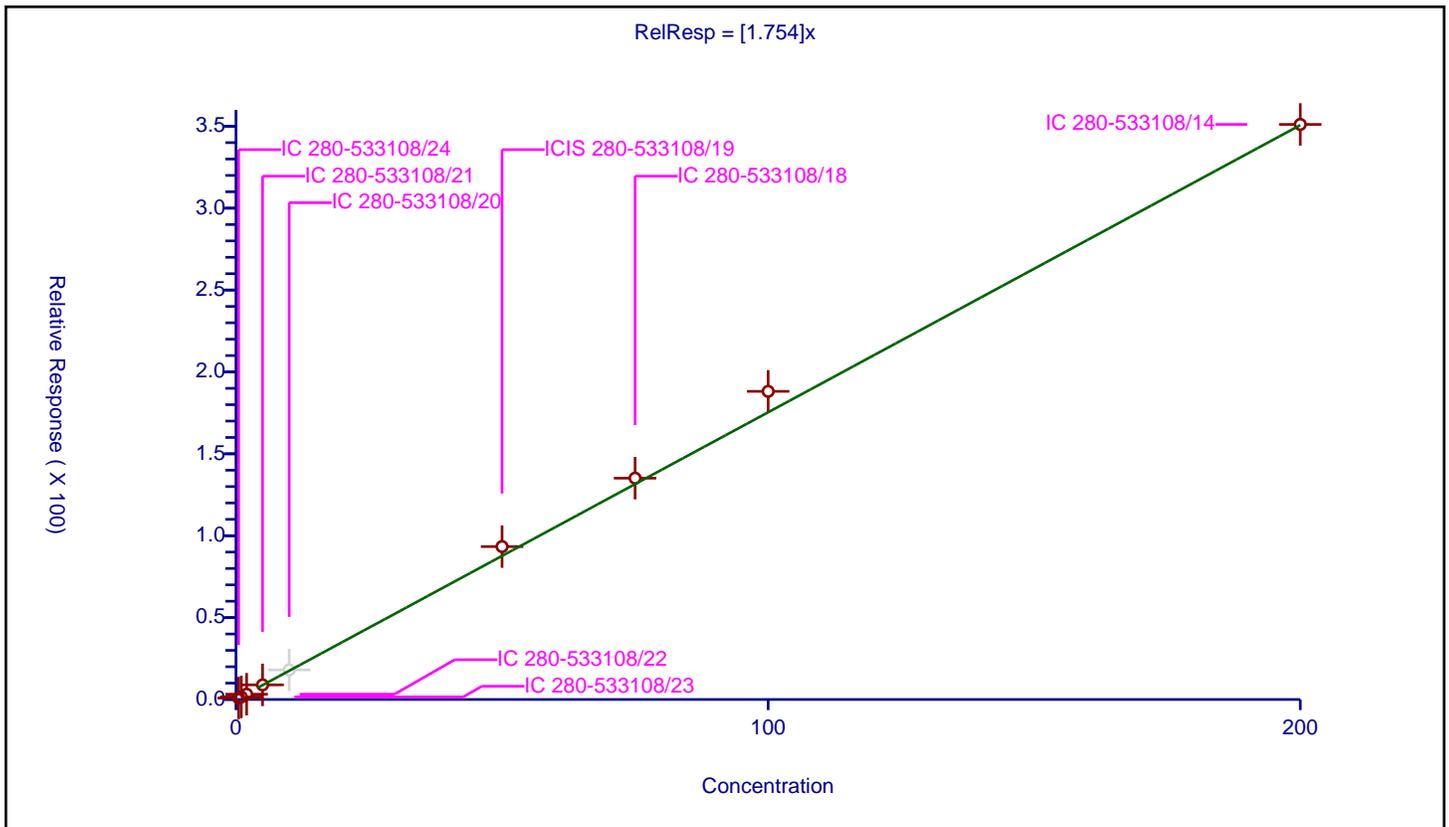
/ m-Xylene & p-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.754

Error Coefficients	
Standard Error:	1950000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.882776	50.0	600379.0	1.765551	Y
2	IC 280-533108/23	1.0	1.558057	50.0	595357.0	1.558057	Y
3	IC 280-533108/22	2.0	3.227135	50.0	574333.0	1.613567	Y
4	IC 280-533108/21	5.0	8.923848	50.0	572791.0	1.78477	Y
5	IC 280-533108/20	10.0	18.060459	50.0	569310.0	1.806046	N
6	ICIS 280-533108/19	50.0	93.35762	50.0	585513.0	1.867152	Y
7	IC 280-533108/18	75.0	135.142289	50.0	586305.0	1.801897	Y
8	IC 280-533108/17	100.0	188.140409	50.0	558725.0	1.881404	Y
9	IC 280-533108/14	200.0	351.130376	50.0	612407.0	1.755652	Y



Calibration

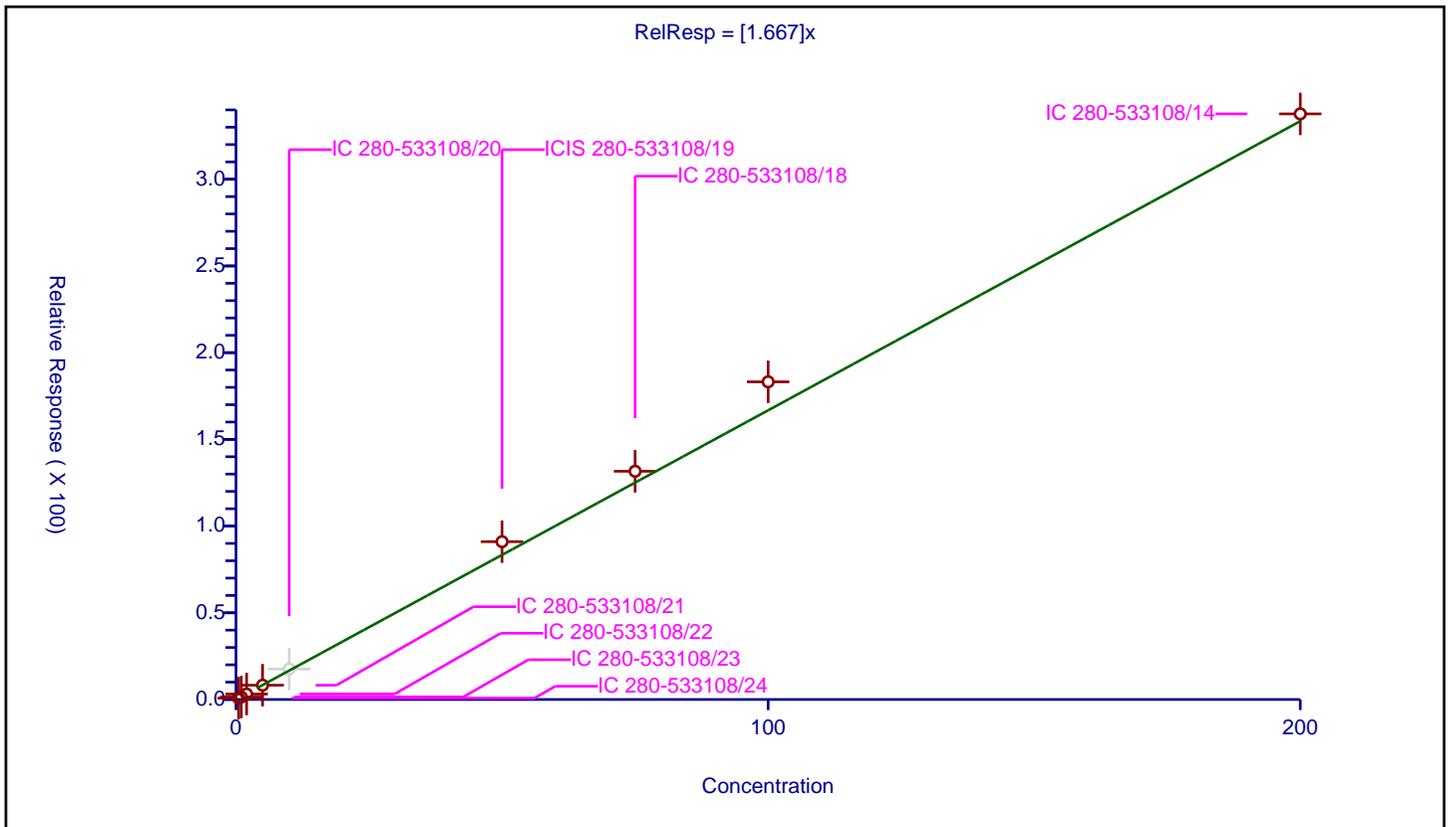
/ o-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.667

Error Coefficients	
Standard Error:	1880000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.792499	50.0	600379.0	1.584999	Y
2	IC 280-533108/23	1.0	1.438381	50.0	595357.0	1.438381	Y
3	IC 280-533108/22	2.0	3.145997	50.0	574333.0	1.572999	Y
4	IC 280-533108/21	5.0	8.241488	50.0	572791.0	1.648298	Y
5	IC 280-533108/20	10.0	17.562224	50.0	569310.0	1.756222	N
6	ICIS 280-533108/19	50.0	90.999175	50.0	585513.0	1.819984	Y
7	IC 280-533108/18	75.0	131.603773	50.0	586305.0	1.754717	Y
8	IC 280-533108/17	100.0	183.19021	50.0	558725.0	1.831902	Y
9	IC 280-533108/14	200.0	337.709644	50.0	612407.0	1.688548	Y



Calibration

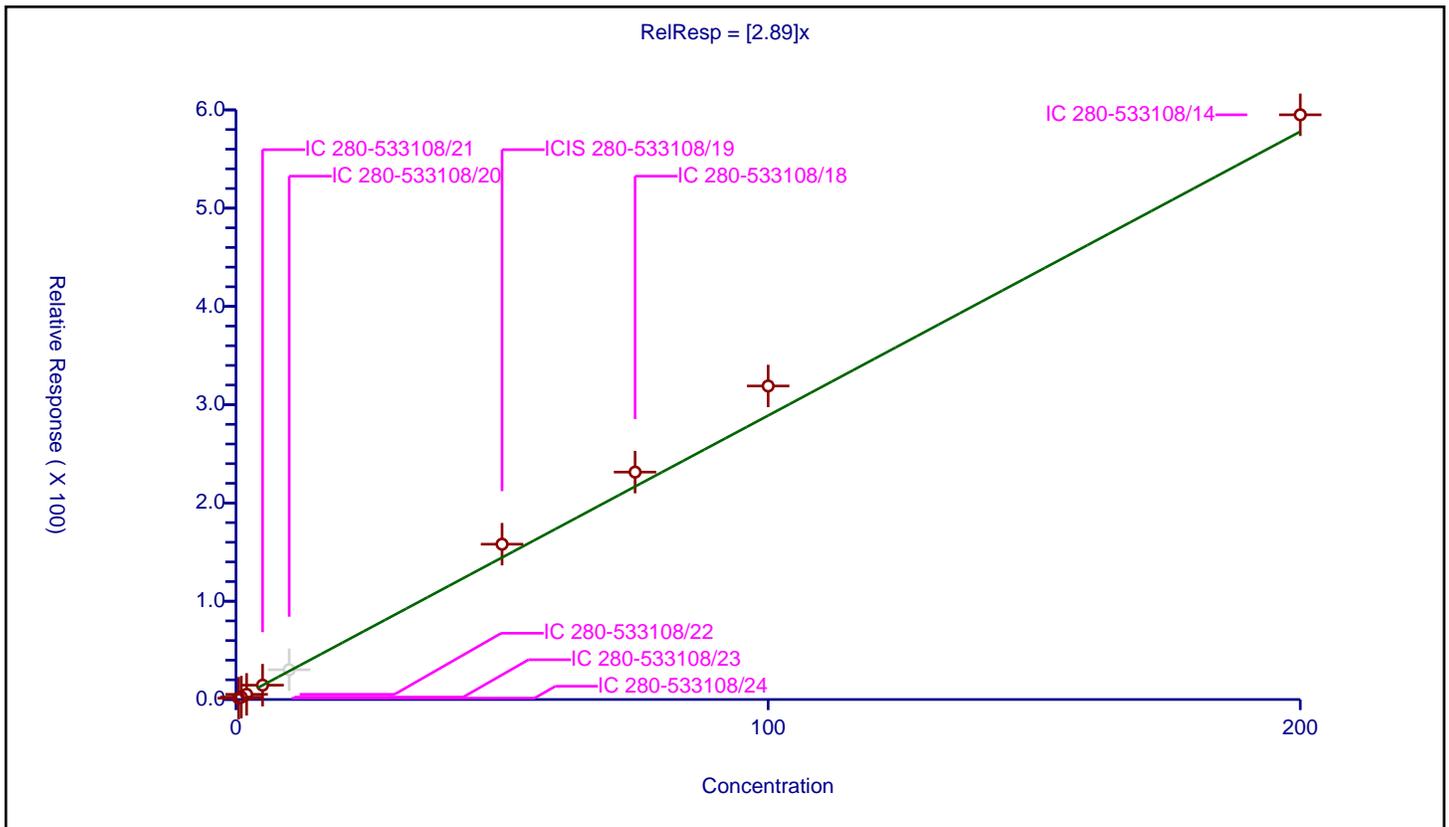
/ Styrene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.89

Error Coefficients	
Standard Error:	3310000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	1.354228	50.0	600379.0	2.708456	Y
2	IC 280-533108/23	1.0	2.452226	50.0	595357.0	2.452226	Y
3	IC 280-533108/22	2.0	5.253572	50.0	574333.0	2.626786	Y
4	IC 280-533108/21	5.0	14.589353	50.0	572791.0	2.917871	Y
5	IC 280-533108/20	10.0	30.288244	50.0	569310.0	3.028824	N
6	ICIS 280-533108/19	50.0	158.053365	50.0	585513.0	3.161067	Y
7	IC 280-533108/18	75.0	231.406094	50.0	586305.0	3.085415	Y
8	IC 280-533108/17	100.0	319.031903	50.0	558725.0	3.190319	Y
9	IC 280-533108/14	200.0	595.017284	50.0	612407.0	2.975086	Y



**Calibration**

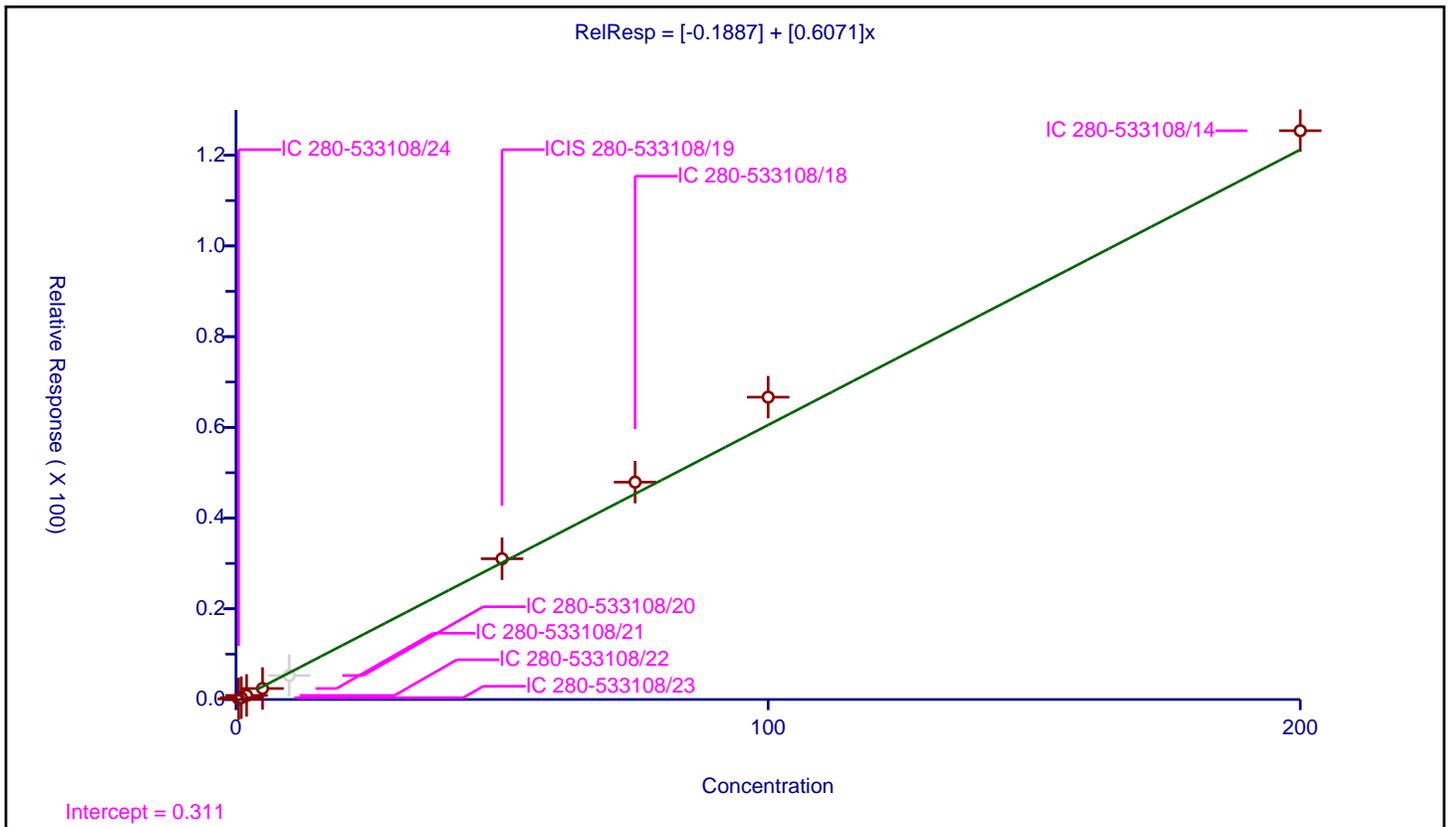
/ Bromoform

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.1887
Slope:	0.6071

Error Coefficients	
Standard Error:	749000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.131334	50.0	600379.0	0.262667	Y
2	IC 280-533108/23	1.0	0.399088	50.0	595357.0	0.399088	Y
3	IC 280-533108/22	2.0	0.900175	50.0	574333.0	0.450087	Y
4	IC 280-533108/21	5.0	2.420691	50.0	572791.0	0.484138	Y
5	IC 280-533108/20	10.0	5.288068	50.0	569310.0	0.528807	N
6	ICIS 280-533108/19	50.0	31.033043	50.0	585513.0	0.620661	Y
7	IC 280-533108/18	75.0	47.927018	50.0	586305.0	0.639027	Y
8	IC 280-533108/17	100.0	66.661506	50.0	558725.0	0.666615	Y
9	IC 280-533108/14	200.0	125.41145	50.0	612407.0	0.627057	Y



Calibration

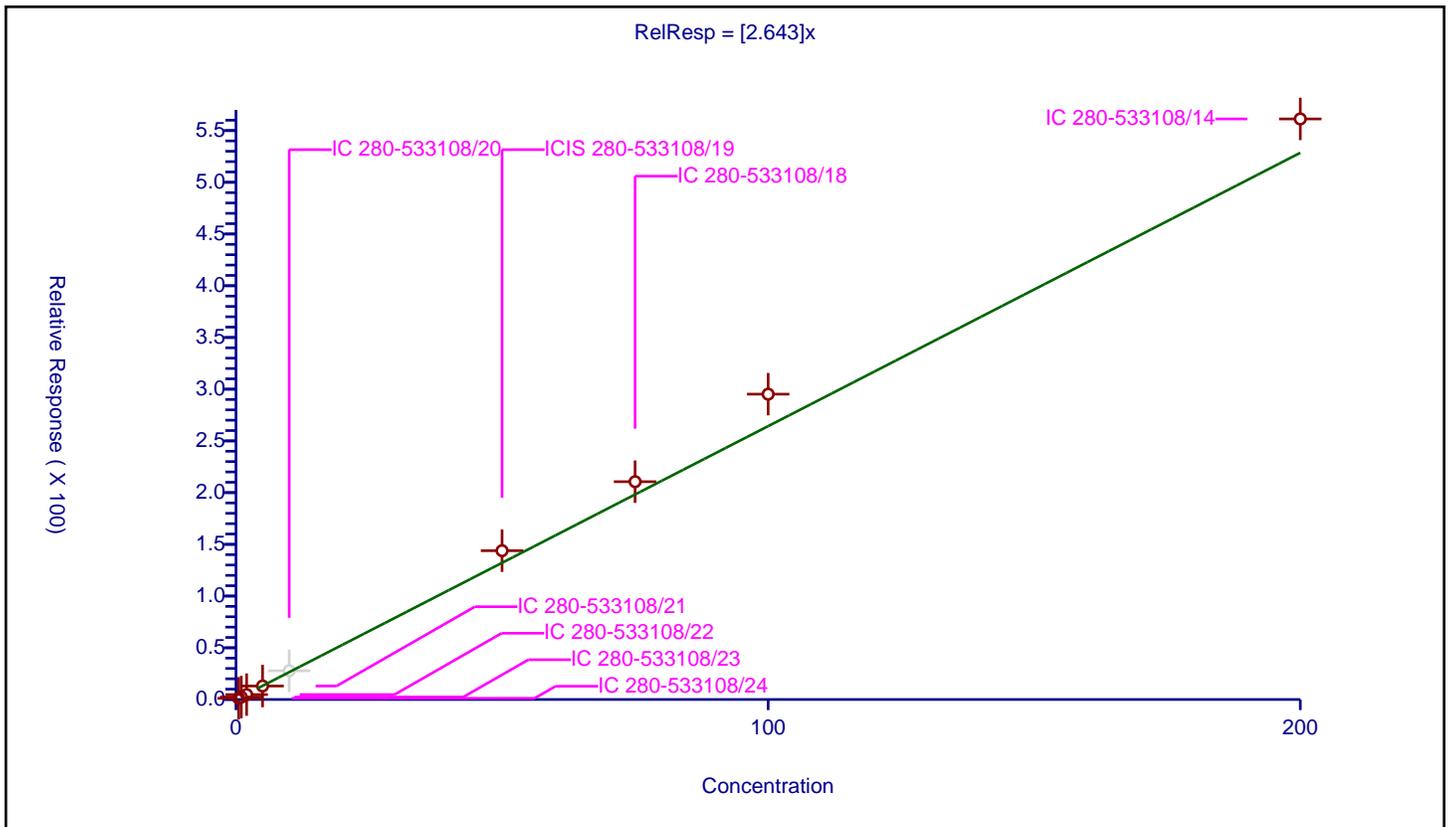
/ Isopropylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.643

Error Coefficients	
Standard Error:	4820000
Relative Standard Error:	9.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	1.170097	50.0	973979.0	2.340194	Y
2	IC 280-533108/23	1.0	2.370443	50.0	961719.0	2.370443	Y
3	IC 280-533108/22	2.0	4.754946	50.0	930610.0	2.377473	Y
4	IC 280-533108/21	5.0	13.046432	50.0	934083.0	2.609286	Y
5	IC 280-533108/20	10.0	27.736618	50.0	920525.0	2.773662	N
6	ICIS 280-533108/19	50.0	143.850496	50.0	947174.0	2.87701	Y
7	IC 280-533108/18	75.0	210.566597	50.0	936891.0	2.807555	Y
8	IC 280-533108/17	100.0	295.180403	50.0	888093.0	2.951804	Y
9	IC 280-533108/14	200.0	561.253774	50.0	942084.0	2.806269	Y



**Calibration**

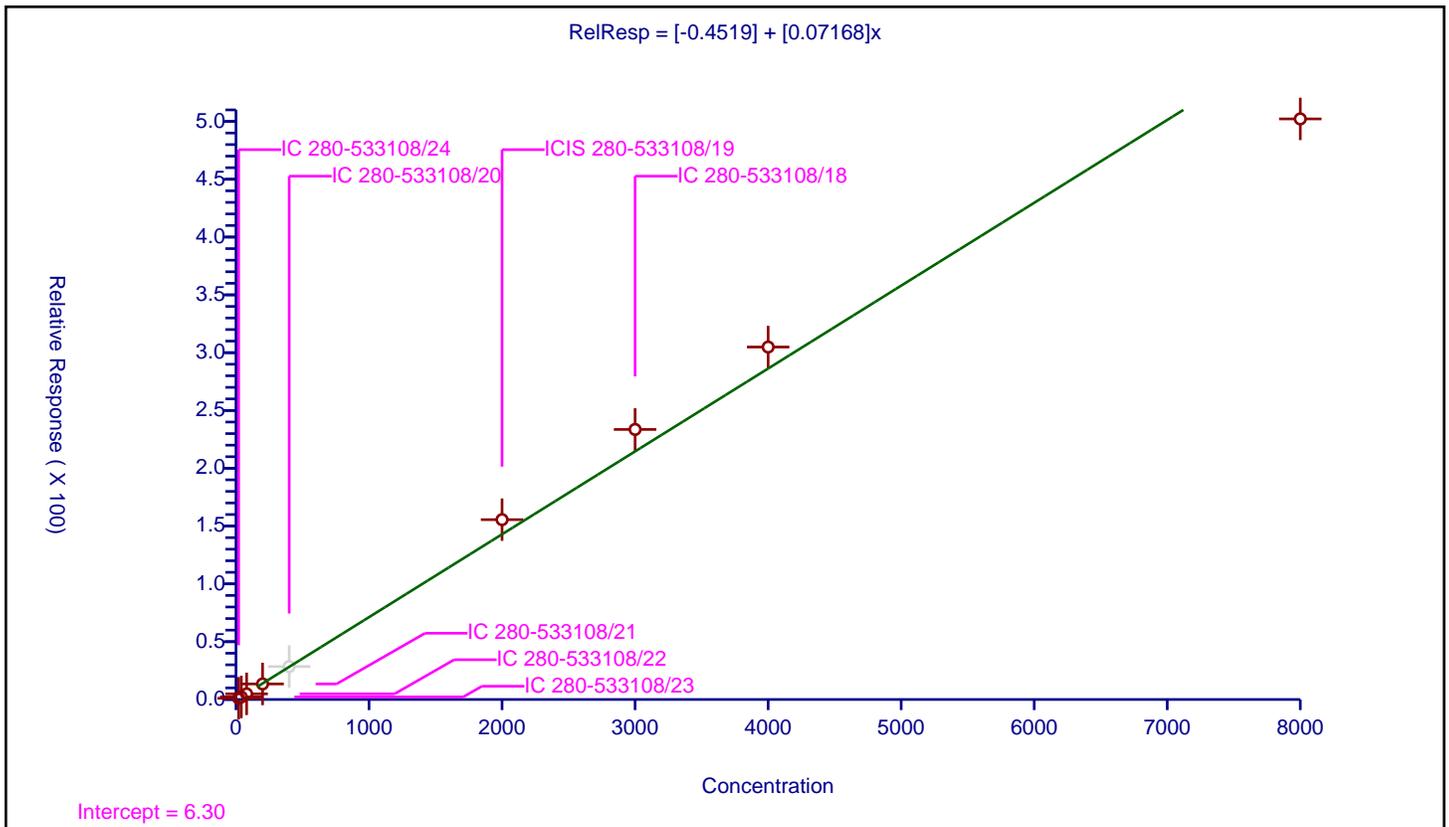
**/ Cyclohexanone**

**Curve Type:** Linear  
**Weighting:** Conc\_Sq  
**Origin:** None  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
<b>Intercept:</b>	-0.4519
<b>Slope:</b>	0.07168

Error Coefficients	
<b>Standard Error:</b>	3170000
<b>Relative Standard Error:</b>	9.1
<b>Correlation Coefficient:</b>	0.993
<b>Coefficient of Determination (Adjusted):</b>	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	20.0	1.06133	50.0	600379.0	0.053066	Y
2	IC 280-533108/23	40.0	2.207835	50.0	595357.0	0.055196	Y
3	IC 280-533108/22	80.0	4.87374	50.0	574333.0	0.060922	Y
4	IC 280-533108/21	200.0	13.456304	50.0	572791.0	0.067282	Y
5	IC 280-533108/20	400.0	28.487731	50.0	569310.0	0.071219	N
6	ICIS 280-533108/19	2000.0	155.553164	50.0	585513.0	0.077777	Y
7	IC 280-533108/18	3000.0	233.595228	50.0	586305.0	0.077865	Y
8	IC 280-533108/17	4000.0	304.874402	50.0	558725.0	0.076219	Y
9	IC 280-533108/14	8000.0	502.20858	50.0	612407.0	0.062776	Y



**Calibration**

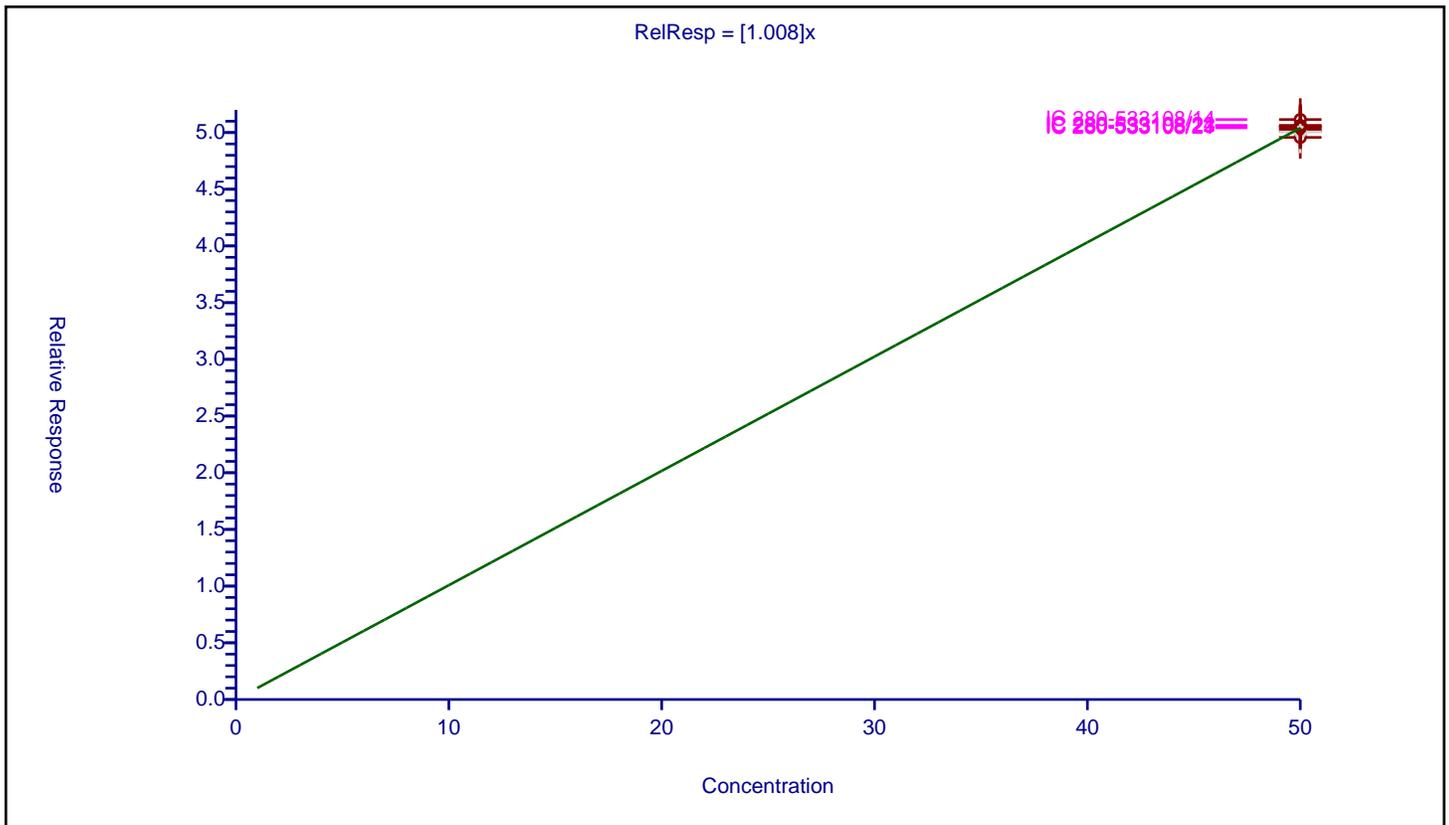
**/ 4-Bromofluorobenzene (Surr)**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
Intercept:	0
Slope:	1.008

Error Coefficients	
Standard Error:	1010000
Relative Standard Error:	0.9
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/14	50.0	51.14942	50.0	942084.0	1.022988	Y
2	IC 280-533108/17	50.0	50.251607	50.0	888093.0	1.005032	Y
3	IC 280-533108/18	50.0	50.123013	50.0	936891.0	1.00246	Y
4	ICIS 280-533108/19	50.0	49.57199	50.0	947174.0	0.99144	Y
5	IC 280-533108/20	50.0	50.056001	50.0	920525.0	1.00112	N
6	IC 280-533108/21	50.0	50.420573	50.0	934083.0	1.008411	Y
7	IC 280-533108/22	50.0	50.604442	50.0	930610.0	1.012089	Y
8	IC 280-533108/23	50.0	50.481742	50.0	961719.0	1.009635	Y
9	IC 280-533108/24	50.0	50.617672	50.0	973979.0	1.012353	Y



Calibration

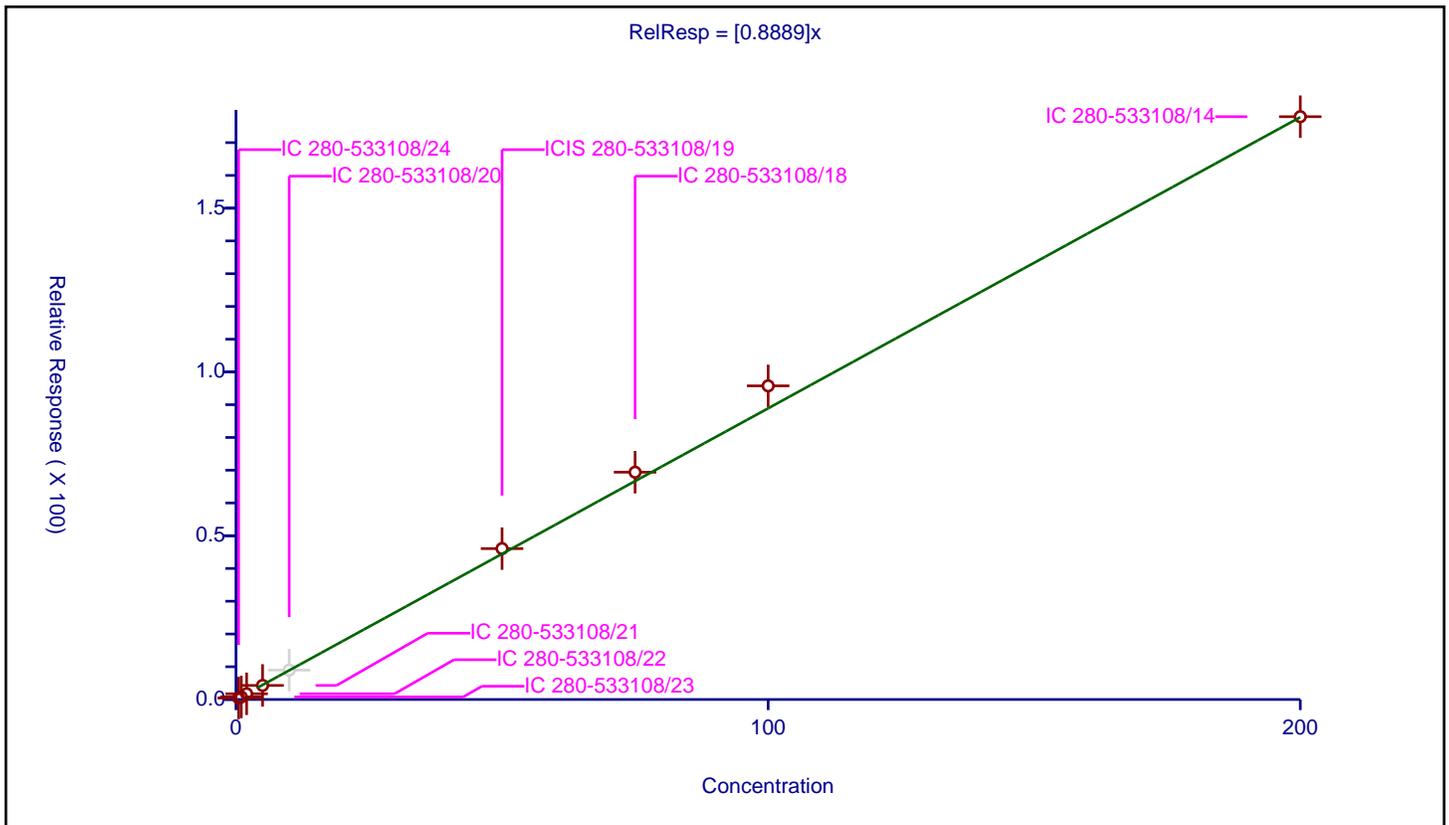
/ 1,1,2,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8889

Error Coefficients	
Standard Error:	1540000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.453039	50.0	973979.0	0.906077	Y
2	IC 280-533108/23	1.0	0.779282	50.0	961719.0	0.779282	Y
3	IC 280-533108/22	2.0	1.745629	50.0	930610.0	0.872815	Y
4	IC 280-533108/21	5.0	4.296139	50.0	934083.0	0.859228	Y
5	IC 280-533108/20	10.0	8.967546	50.0	920525.0	0.896755	N
6	ICIS 280-533108/19	50.0	46.064134	50.0	947174.0	0.921283	Y
7	IC 280-533108/18	75.0	69.394038	50.0	936891.0	0.925254	Y
8	IC 280-533108/17	100.0	95.747405	50.0	888093.0	0.957474	Y
9	IC 280-533108/14	200.0	177.926862	50.0	942084.0	0.889634	Y



Calibration

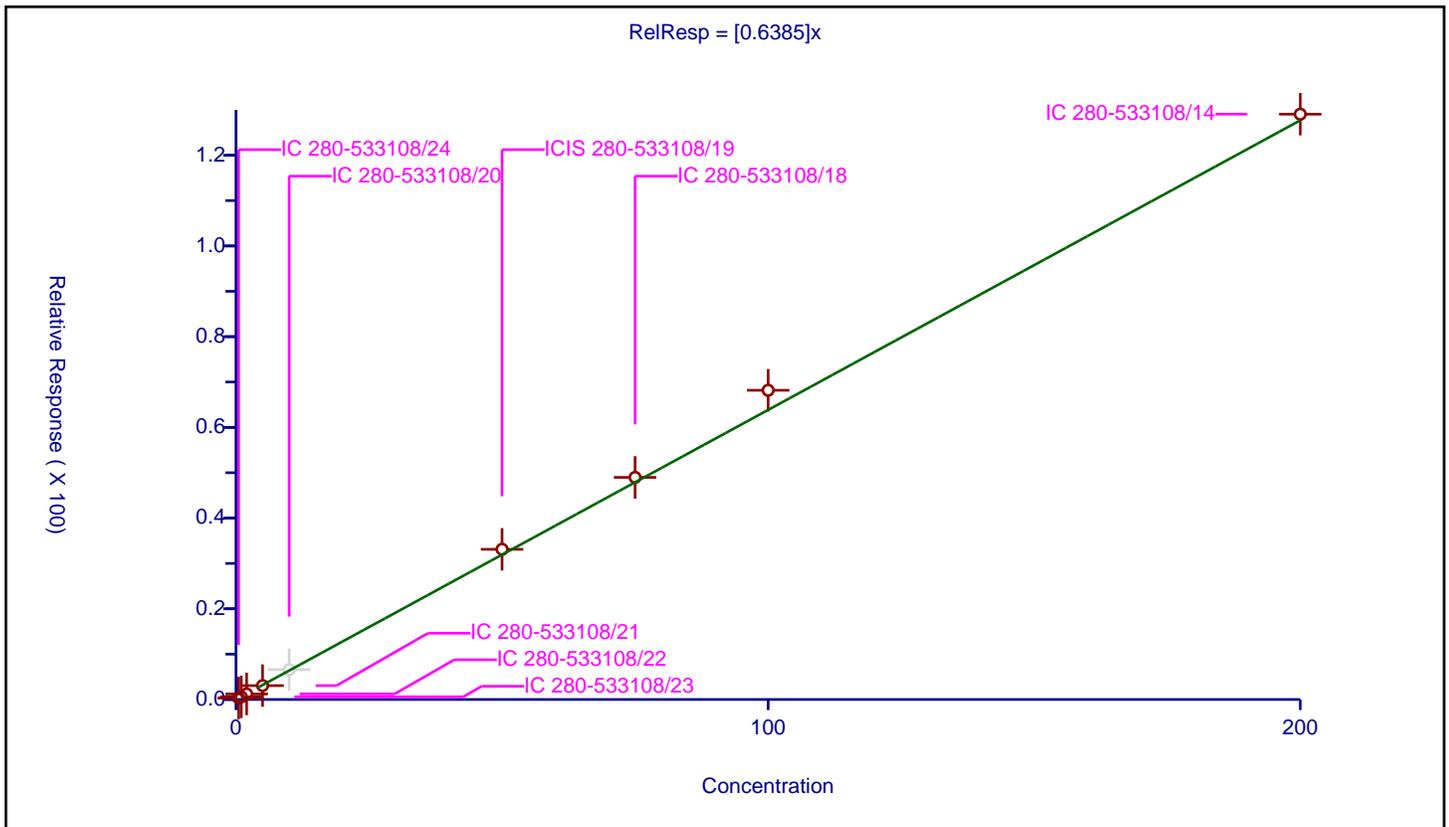
/ Bromobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6385

Error Coefficients	
Standard Error:	1110000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.326906	50.0	973979.0	0.653813	Y
2	IC 280-533108/23	1.0	0.588529	50.0	961719.0	0.588529	Y
3	IC 280-533108/22	2.0	1.221242	50.0	930610.0	0.610621	Y
4	IC 280-533108/21	5.0	3.062415	50.0	934083.0	0.612483	Y
5	IC 280-533108/20	10.0	6.586567	50.0	920525.0	0.658657	N
6	ICIS 280-533108/19	50.0	33.115985	50.0	947174.0	0.66232	Y
7	IC 280-533108/18	75.0	48.970158	50.0	936891.0	0.652935	Y
8	IC 280-533108/17	100.0	68.184075	50.0	888093.0	0.681841	Y
9	IC 280-533108/14	200.0	129.056114	50.0	942084.0	0.645281	Y



Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

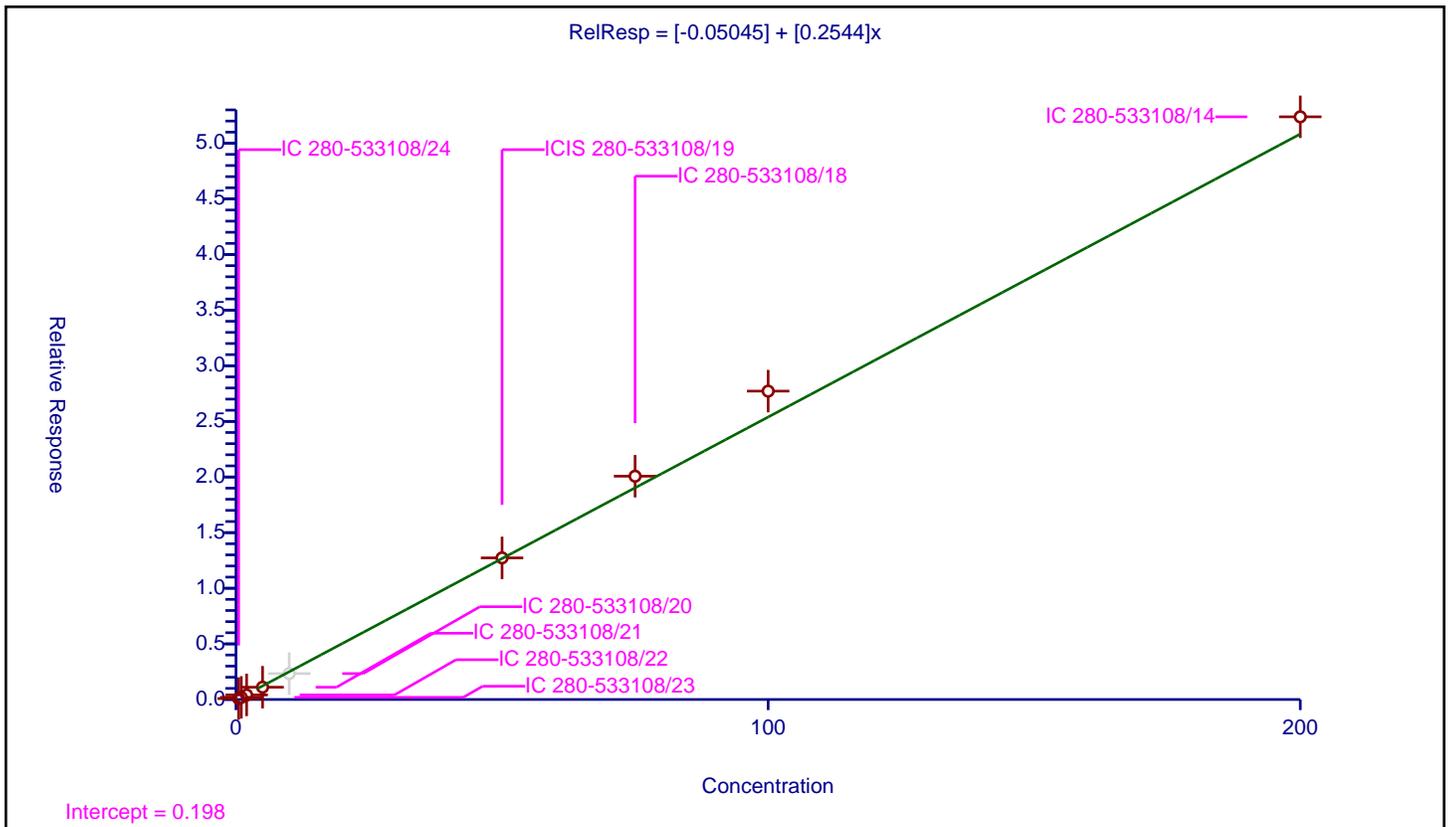
Curve Coefficients

Intercept: -0.05045  
 Slope: 0.2544

Error Coefficients

Standard Error: 486000  
 Relative Standard Error: 7.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.084088	50.0	973979.0	0.168176	Y
2	IC 280-533108/23	1.0	0.19096	50.0	961719.0	0.19096	Y
3	IC 280-533108/22	2.0	0.409946	50.0	930610.0	0.204973	Y
4	IC 280-533108/21	5.0	1.10381	50.0	934083.0	0.220762	Y
5	IC 280-533108/20	10.0	2.329106	50.0	920525.0	0.232911	N
6	ICIS 280-533108/19	50.0	12.728073	50.0	947174.0	0.254561	Y
7	IC 280-533108/18	75.0	20.07352	50.0	936891.0	0.267647	Y
8	IC 280-533108/17	100.0	27.719732	50.0	888093.0	0.277197	Y
9	IC 280-533108/14	200.0	52.377336	50.0	942084.0	0.261887	Y



Calibration

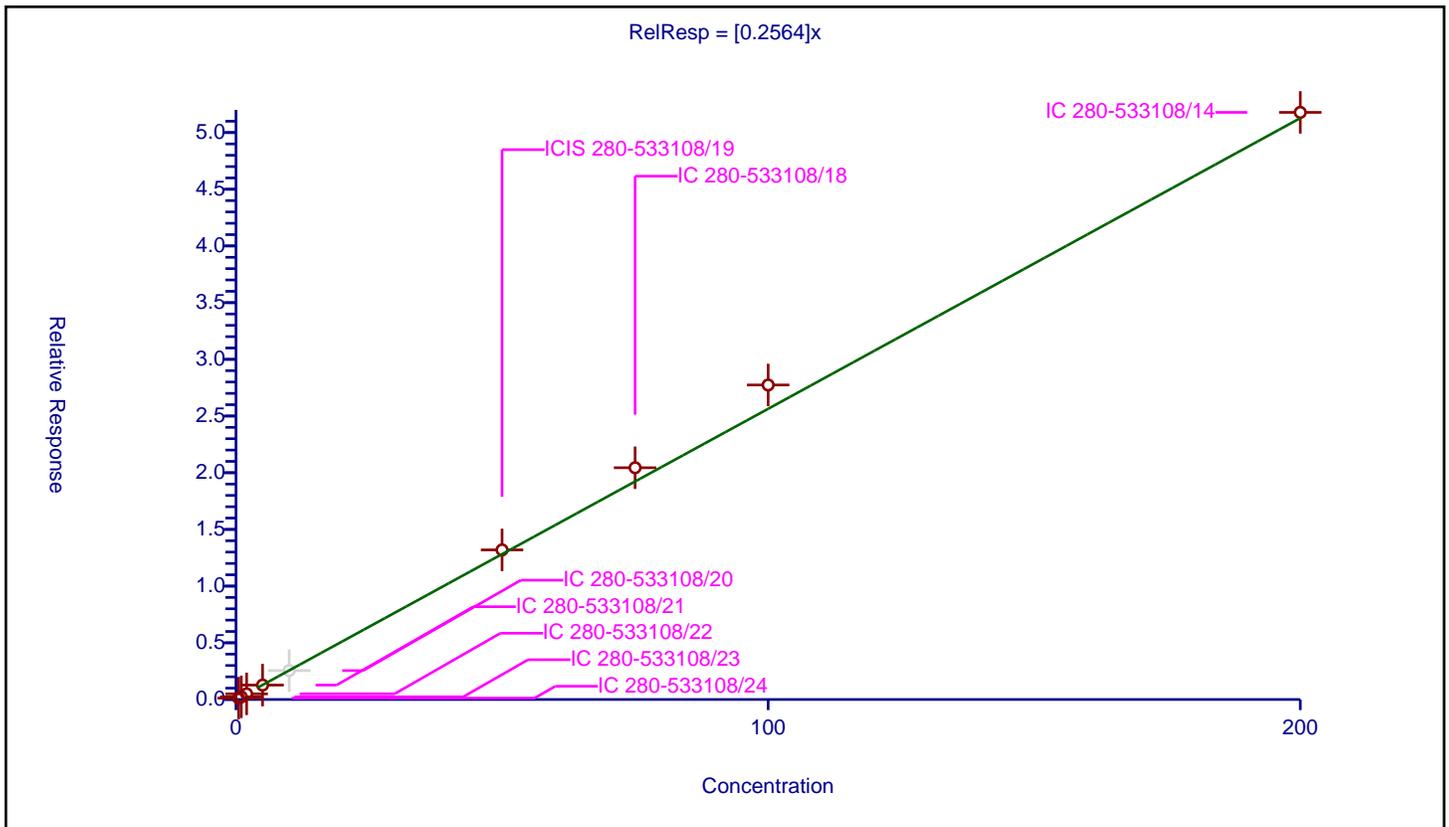
/ 1,2,3-Trichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2564

Error Coefficients	
Standard Error:	448000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.120844	50.0	973979.0	0.241689	Y
2	IC 280-533108/23	1.0	0.23458	50.0	961719.0	0.23458	Y
3	IC 280-533108/22	2.0	0.495858	50.0	930610.0	0.247929	Y
4	IC 280-533108/21	5.0	1.270337	50.0	934083.0	0.254067	Y
5	IC 280-533108/20	10.0	2.549849	50.0	920525.0	0.254985	N
6	ICIS 280-533108/19	50.0	13.192666	50.0	947174.0	0.263853	Y
7	IC 280-533108/18	75.0	20.439891	50.0	936891.0	0.272532	Y
8	IC 280-533108/17	100.0	27.73696	50.0	888093.0	0.27737	Y
9	IC 280-533108/14	200.0	51.780149	50.0	942084.0	0.258901	Y



**Calibration**

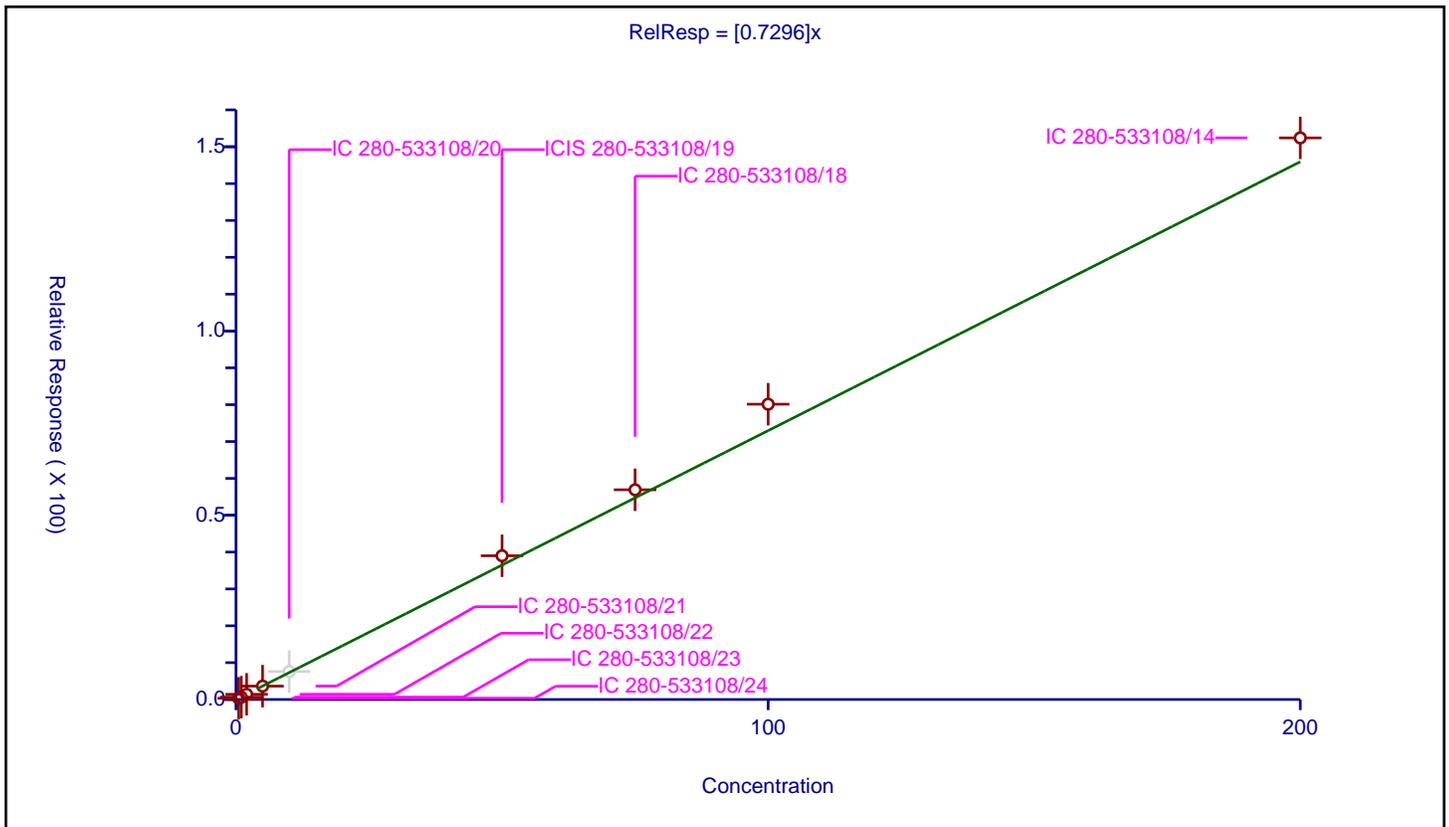
**/ N-Propylbenzene**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
Intercept:	0
Slope:	0.7296

Error Coefficients	
Standard Error:	1310000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.330962	50.0	973979.0	0.661924	Y
2	IC 280-533108/23	1.0	0.637452	50.0	961719.0	0.637452	Y
3	IC 280-533108/22	2.0	1.417242	50.0	930610.0	0.708621	Y
4	IC 280-533108/21	5.0	3.63244	50.0	934083.0	0.726488	Y
5	IC 280-533108/20	10.0	7.57937	50.0	920525.0	0.757937	N
6	ICIS 280-533108/19	50.0	39.002443	50.0	947174.0	0.780049	Y
7	IC 280-533108/18	75.0	56.915265	50.0	936891.0	0.75887	Y
8	IC 280-533108/17	100.0	80.134682	50.0	888093.0	0.801347	Y
9	IC 280-533108/14	200.0	152.404191	50.0	942084.0	0.762021	Y



**Calibration**

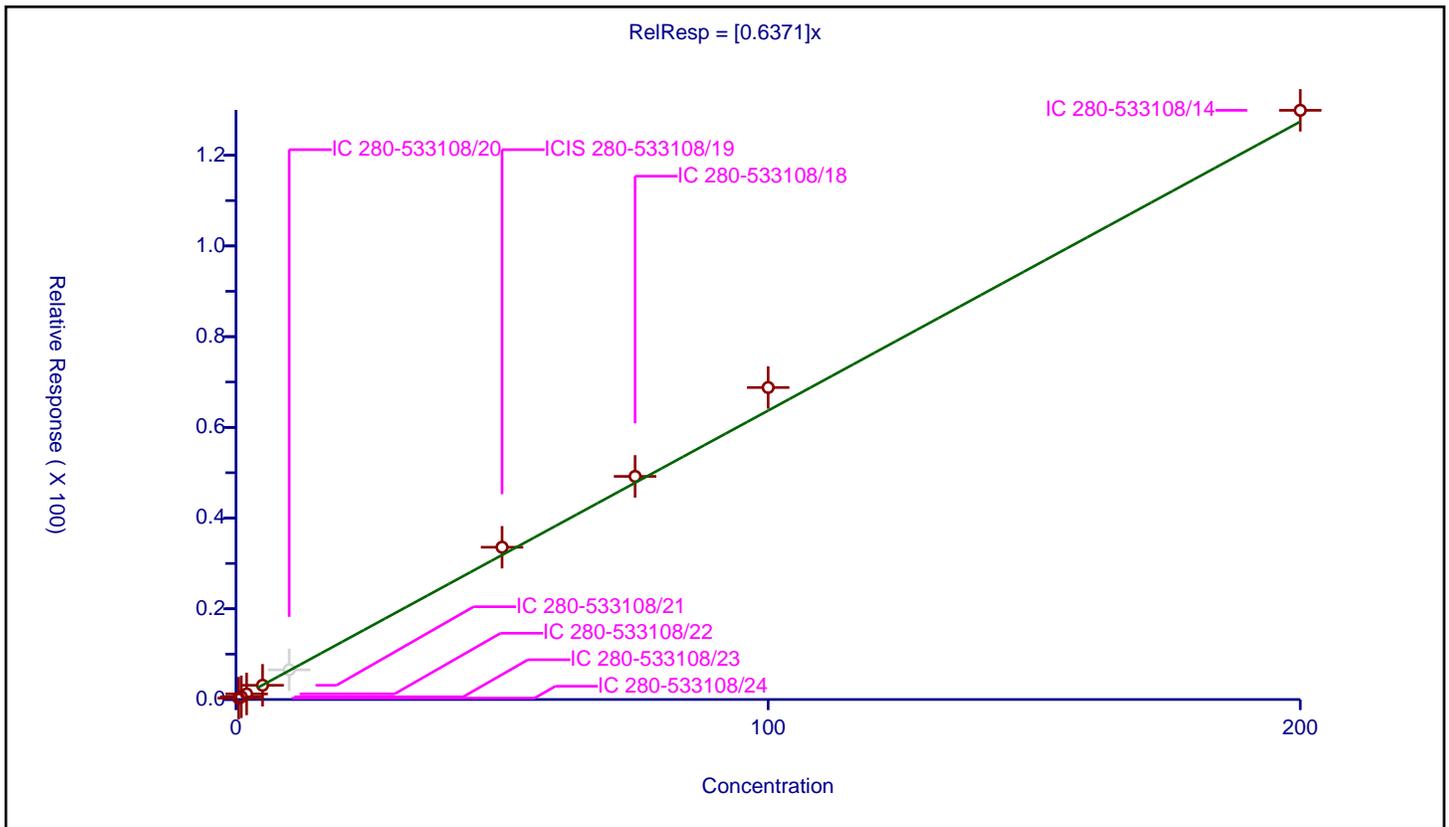
**/ 2-Chlorotoluene**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
Intercept:	0
Slope:	0.6371

Error Coefficients	
Standard Error:	1120000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.299082	50.0	973979.0	0.598165	Y
2	IC 280-533108/23	1.0	0.594924	50.0	961719.0	0.594924	Y
3	IC 280-533108/22	2.0	1.223391	50.0	930610.0	0.611696	Y
4	IC 280-533108/21	5.0	3.134464	50.0	934083.0	0.626893	Y
5	IC 280-533108/20	10.0	6.539964	50.0	920525.0	0.653996	N
6	ICIS 280-533108/19	50.0	33.570442	50.0	947174.0	0.671409	Y
7	IC 280-533108/18	75.0	49.194197	50.0	936891.0	0.655923	Y
8	IC 280-533108/17	100.0	68.790712	50.0	888093.0	0.687907	Y
9	IC 280-533108/14	200.0	129.907365	50.0	942084.0	0.649537	Y



Calibration

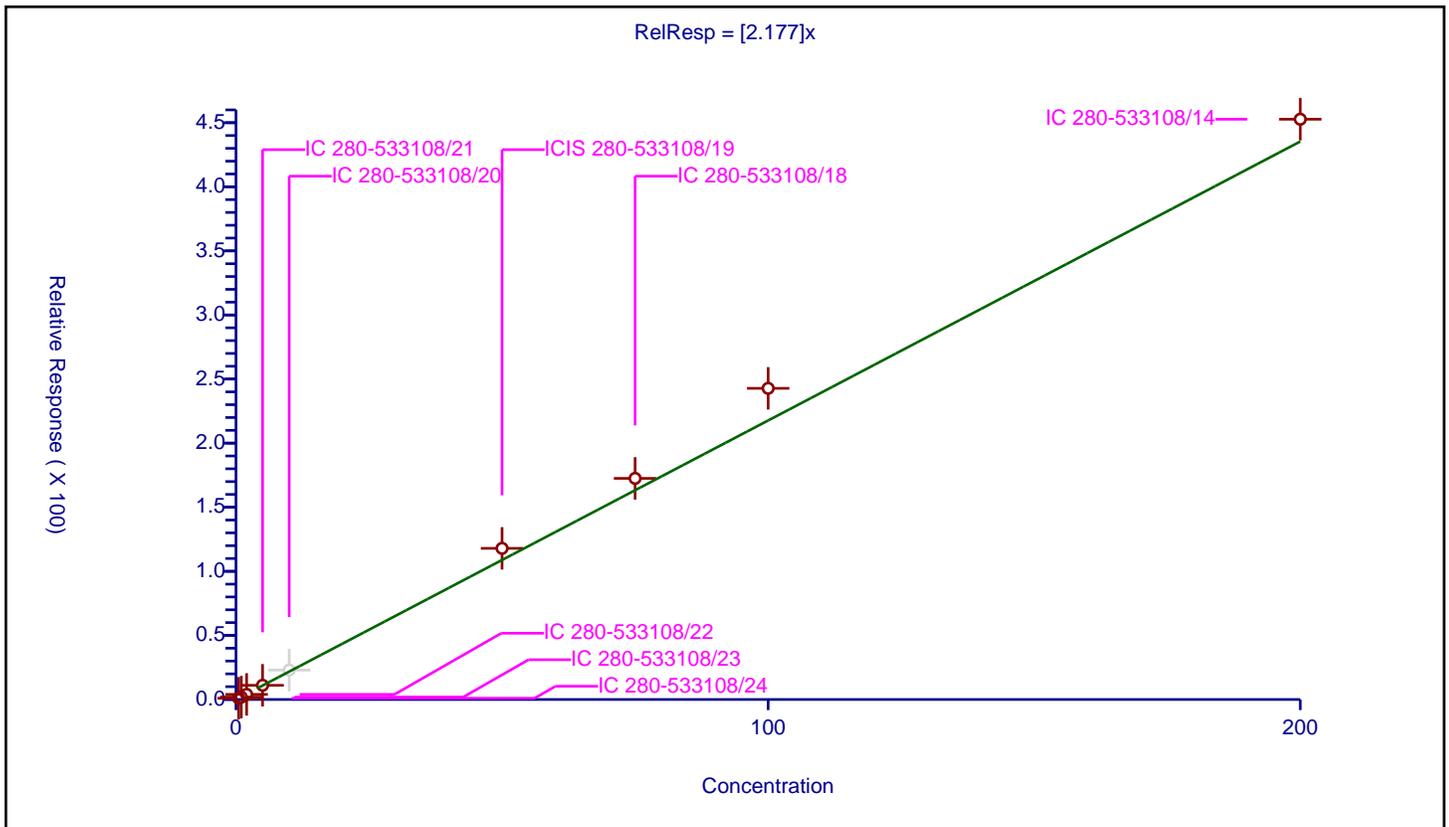
/ 1,3,5-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.177

Error Coefficients	
Standard Error:	3910000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.990678	50.0	973979.0	1.981357	Y
2	IC 280-533108/23	1.0	1.874716	50.0	961719.0	1.874716	Y
3	IC 280-533108/22	2.0	3.983355	50.0	930610.0	1.991678	Y
4	IC 280-533108/21	5.0	11.077442	50.0	934083.0	2.215488	Y
5	IC 280-533108/20	10.0	22.953749	50.0	920525.0	2.295375	N
6	ICIS 280-533108/19	50.0	117.925904	50.0	947174.0	2.358518	Y
7	IC 280-533108/18	75.0	172.517347	50.0	936891.0	2.300231	Y
8	IC 280-533108/17	100.0	242.774462	50.0	888093.0	2.427745	Y
9	IC 280-533108/14	200.0	452.71393	50.0	942084.0	2.26357	Y



Calibration

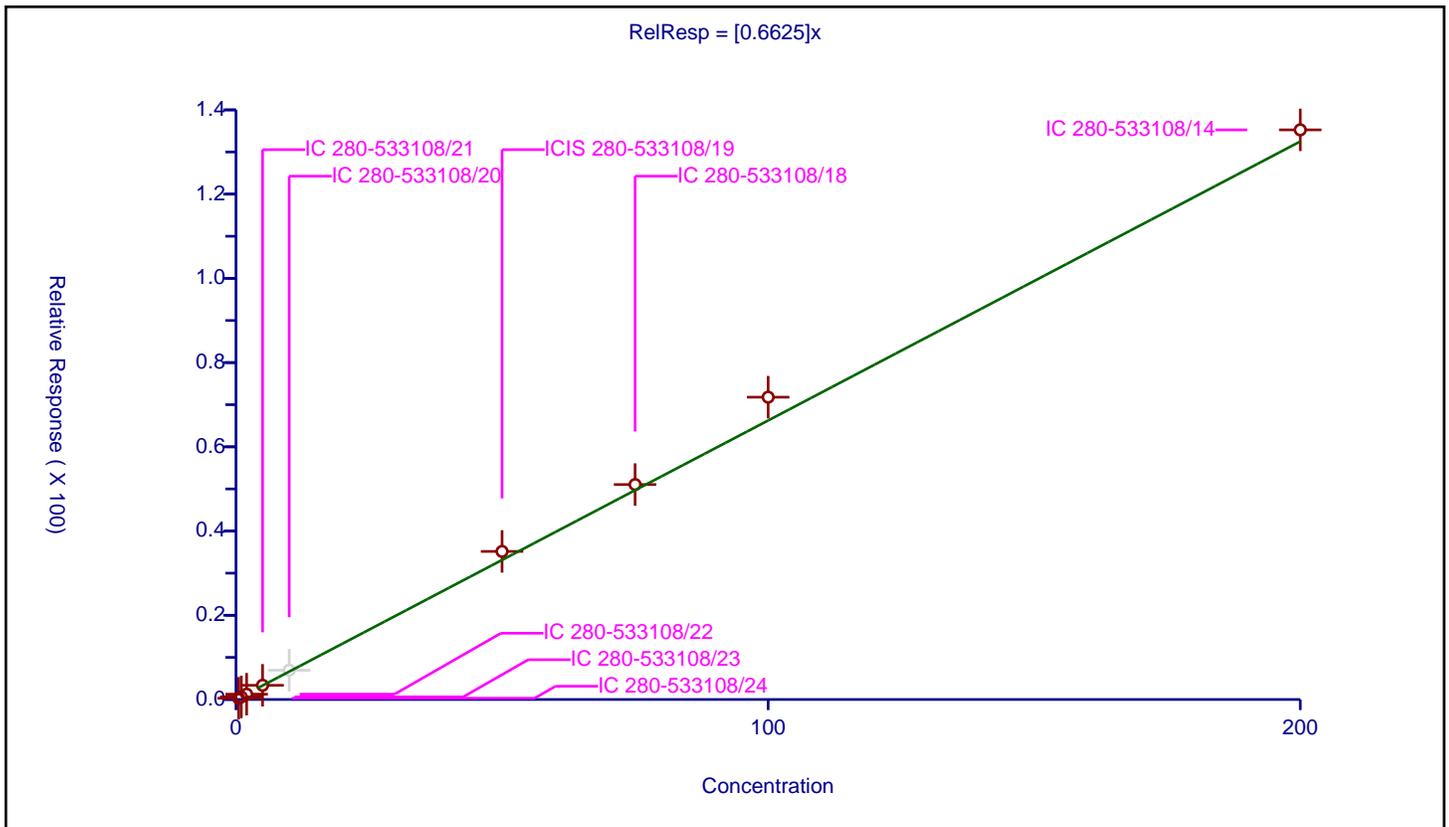
/ 4-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6625

Error Coefficients	
Standard Error:	1160000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.301495	50.0	973979.0	0.60299	Y
2	IC 280-533108/23	1.0	0.612081	50.0	961719.0	0.612081	Y
3	IC 280-533108/22	2.0	1.264601	50.0	930610.0	0.6323	Y
4	IC 280-533108/21	5.0	3.374111	50.0	934083.0	0.674822	Y
5	IC 280-533108/20	10.0	6.951305	50.0	920525.0	0.69513	N
6	ICIS 280-533108/19	50.0	35.158324	50.0	947174.0	0.703166	Y
7	IC 280-533108/18	75.0	51.038701	50.0	936891.0	0.680516	Y
8	IC 280-533108/17	100.0	71.784205	50.0	888093.0	0.717842	Y
9	IC 280-533108/14	200.0	135.260285	50.0	942084.0	0.676301	Y



**Calibration**

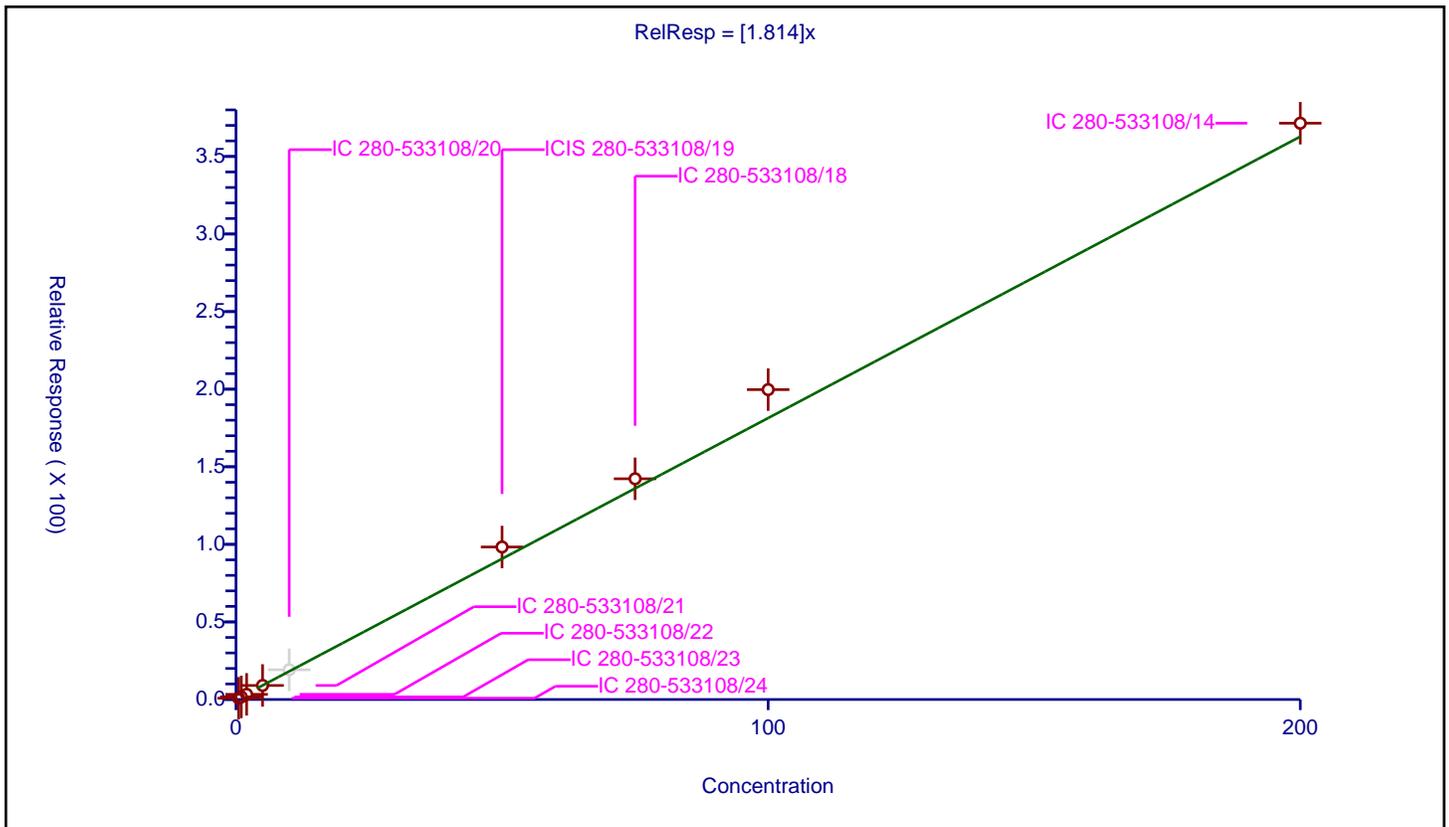
/ tert-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.814

Error Coefficients	
Standard Error:	3210000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.825223	50.0	973979.0	1.650446	Y
2	IC 280-533108/23	1.0	1.670186	50.0	961719.0	1.670186	Y
3	IC 280-533108/22	2.0	3.326581	50.0	930610.0	1.663291	Y
4	IC 280-533108/21	5.0	9.051658	50.0	934083.0	1.810332	Y
5	IC 280-533108/20	10.0	19.140871	50.0	920525.0	1.914087	N
6	ICIS 280-533108/19	50.0	98.291497	50.0	947174.0	1.96583	Y
7	IC 280-533108/18	75.0	142.26132	50.0	936891.0	1.896818	Y
8	IC 280-533108/17	100.0	199.716021	50.0	888093.0	1.99716	Y
9	IC 280-533108/14	200.0	371.41826	50.0	942084.0	1.857091	Y



Calibration

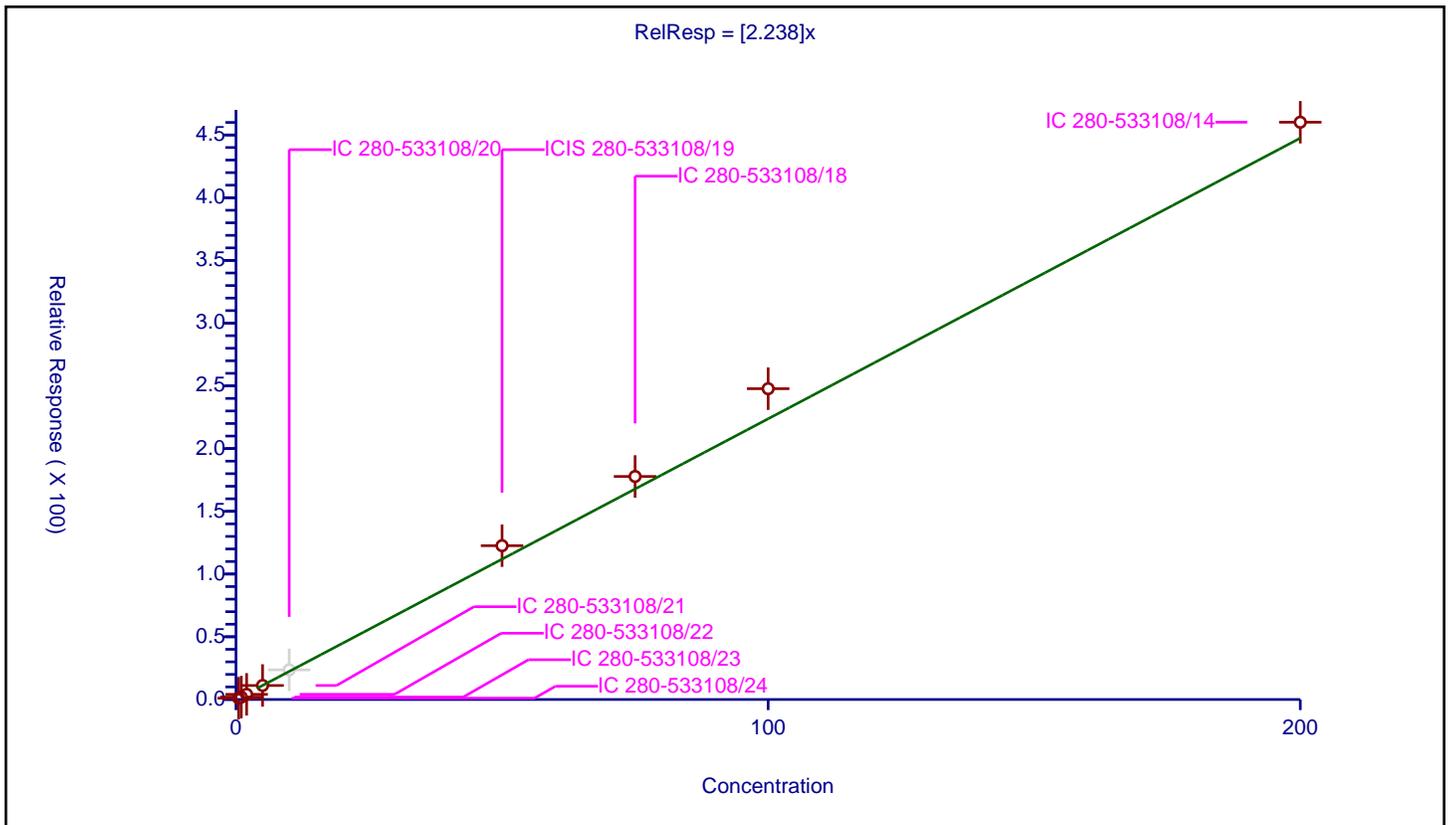
/ 1,2,4-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.238

Error Coefficients	
Standard Error:	3980000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	1.040166	50.0	973979.0	2.080332	Y
2	IC 280-533108/23	1.0	1.935337	50.0	961719.0	1.935337	Y
3	IC 280-533108/22	2.0	4.102685	50.0	930610.0	2.051343	Y
4	IC 280-533108/21	5.0	11.16191	50.0	934083.0	2.232382	Y
5	IC 280-533108/20	10.0	23.626409	50.0	920525.0	2.362641	N
6	ICIS 280-533108/19	50.0	122.592048	50.0	947174.0	2.451841	Y
7	IC 280-533108/18	75.0	177.790266	50.0	936891.0	2.370537	Y
8	IC 280-533108/17	100.0	247.753445	50.0	888093.0	2.477534	Y
9	IC 280-533108/14	200.0	460.172978	50.0	942084.0	2.300865	Y



Calibration

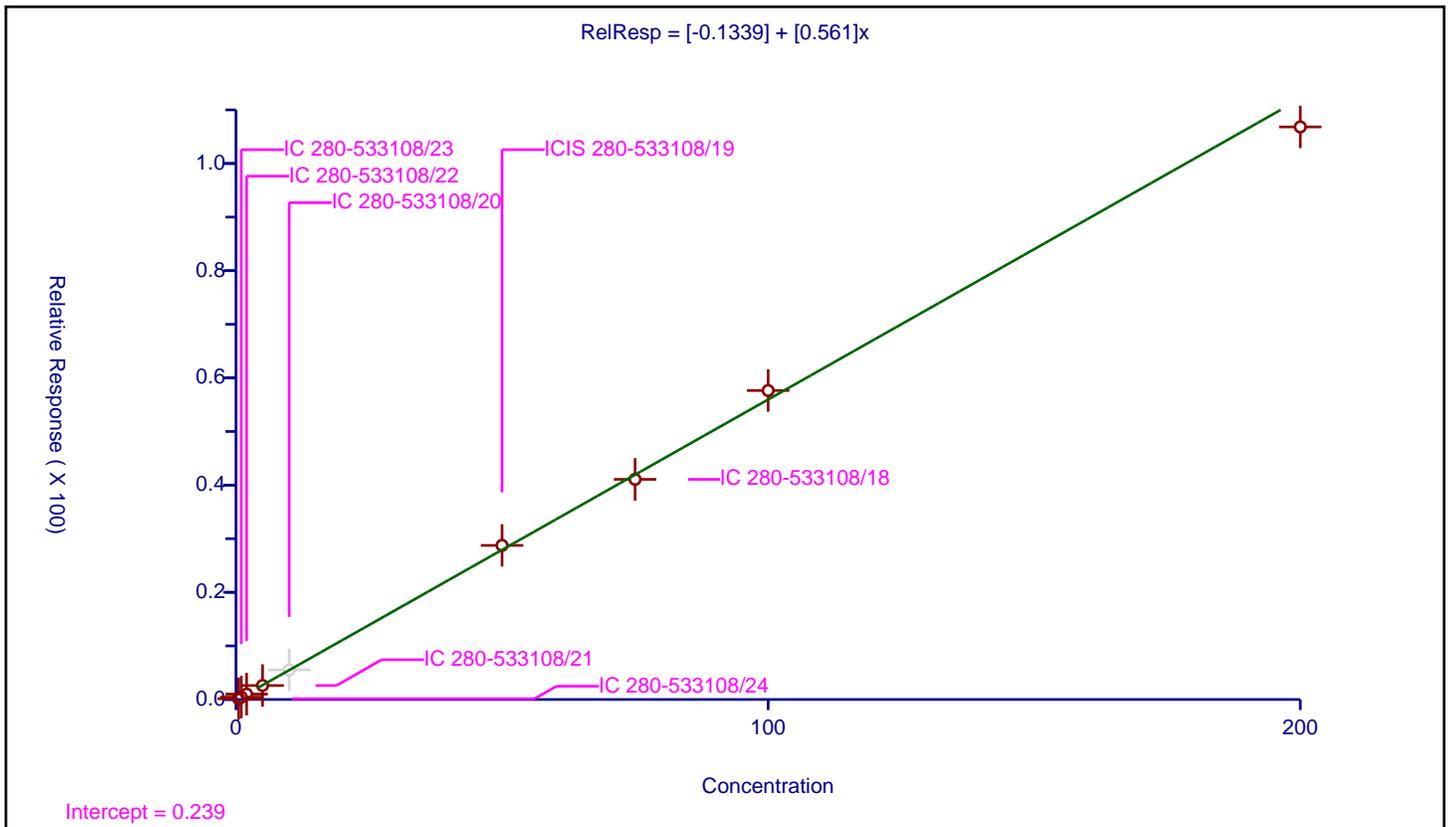
/ sec-Butylbenzene

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.1339
Slope:	0.561

Error Coefficients	
Standard Error:	999000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.141892	50.0	973979.0	0.283784	Y
2	IC 280-533108/23	1.0	0.443581	50.0	961719.0	0.443581	Y
3	IC 280-533108/22	2.0	1.007296	50.0	930610.0	0.503648	Y
4	IC 280-533108/21	5.0	2.610261	50.0	934083.0	0.522052	Y
5	IC 280-533108/20	10.0	5.52098	50.0	920525.0	0.552098	N
6	ICIS 280-533108/19	50.0	28.749681	50.0	947174.0	0.574994	Y
7	IC 280-533108/18	75.0	41.072974	50.0	936891.0	0.54764	Y
8	IC 280-533108/17	100.0	57.64188	50.0	888093.0	0.576419	Y
9	IC 280-533108/14	200.0	106.82609	50.0	942084.0	0.53413	Y



Calibration

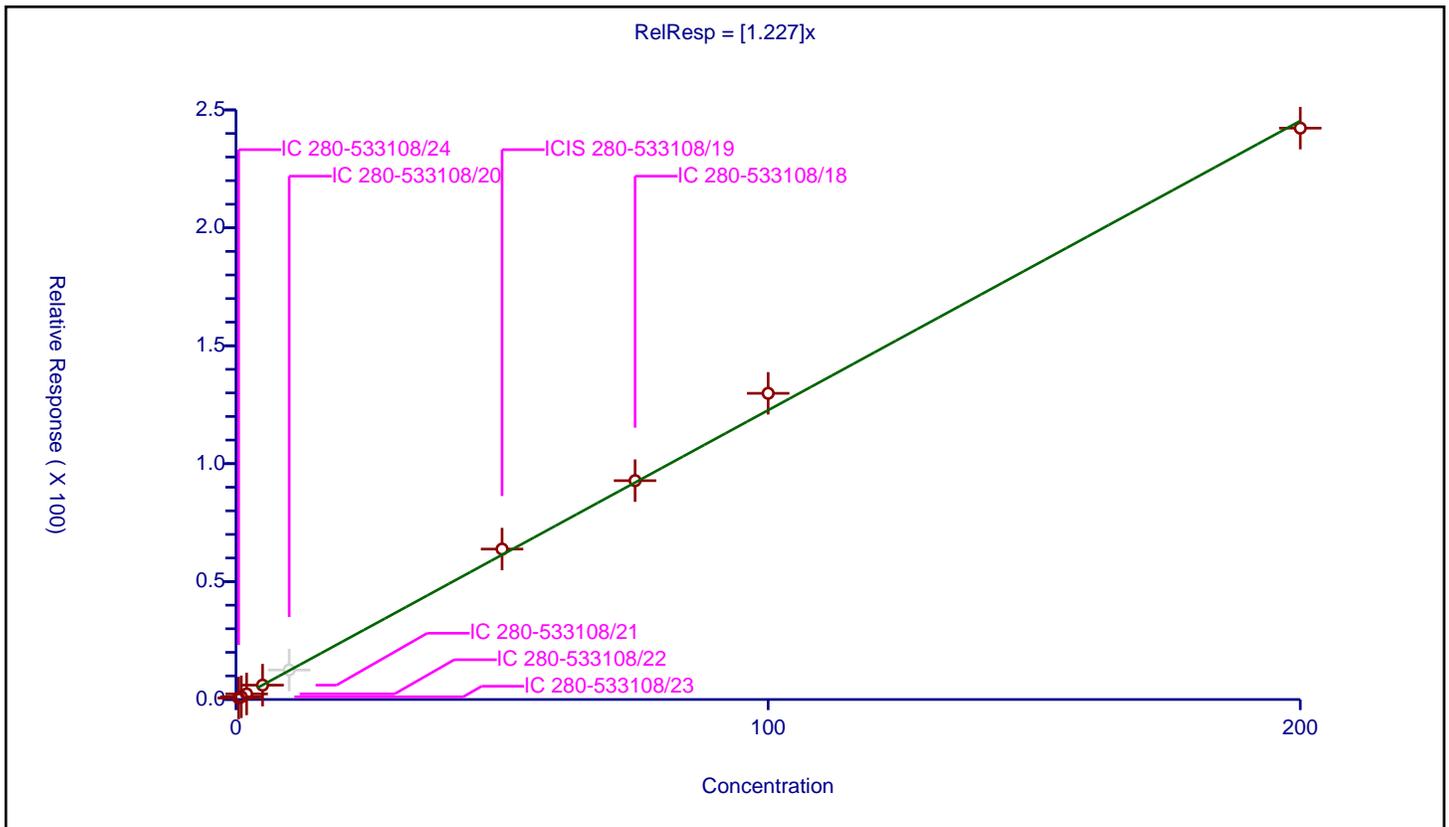
/ 1,3-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.227

Error Coefficients	
Standard Error:	2090000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.625013	50.0	973979.0	1.250027	Y
2	IC 280-533108/23	1.0	1.144357	50.0	961719.0	1.144357	Y
3	IC 280-533108/22	2.0	2.359044	50.0	930610.0	1.179522	Y
4	IC 280-533108/21	5.0	6.083078	50.0	934083.0	1.216616	Y
5	IC 280-533108/20	10.0	12.510524	50.0	920525.0	1.251052	N
6	ICIS 280-533108/19	50.0	63.784743	50.0	947174.0	1.275695	Y
7	IC 280-533108/18	75.0	92.797455	50.0	936891.0	1.237299	Y
8	IC 280-533108/17	100.0	129.828689	50.0	888093.0	1.298287	Y
9	IC 280-533108/14	200.0	242.27001	50.0	942084.0	1.21135	Y



**Calibration**

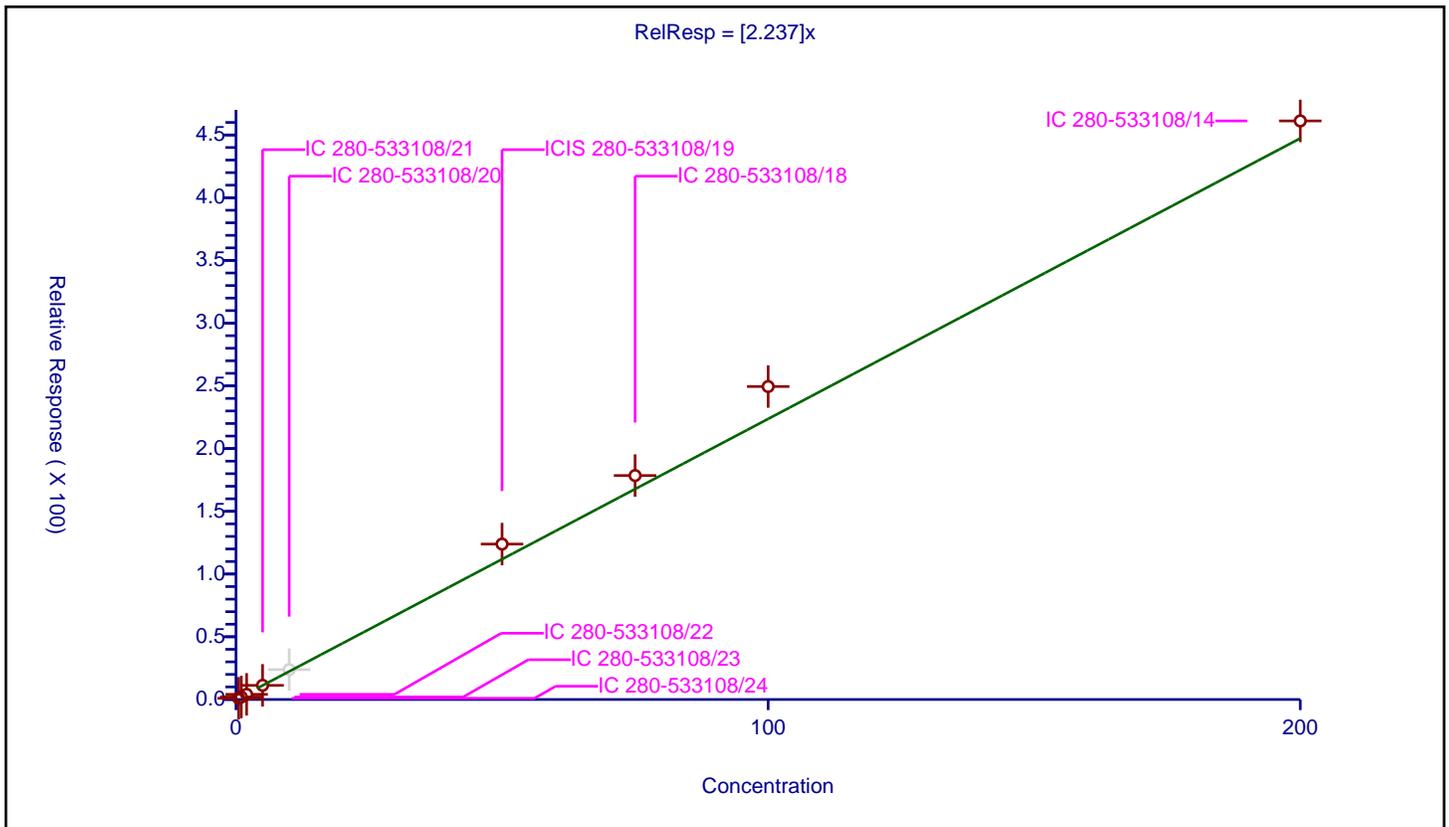
**/ 4-Isopropyltoluene**

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.237

Error Coefficients	
Standard Error:	4000000
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.964292	50.0	973979.0	1.928584	Y
2	IC 280-533108/23	1.0	1.995385	50.0	961719.0	1.995385	Y
3	IC 280-533108/22	2.0	4.109348	50.0	930610.0	2.054674	Y
4	IC 280-533108/21	5.0	11.277585	50.0	934083.0	2.255517	Y
5	IC 280-533108/20	10.0	23.818908	50.0	920525.0	2.381891	N
6	ICIS 280-533108/19	50.0	123.896032	50.0	947174.0	2.477921	Y
7	IC 280-533108/18	75.0	178.526371	50.0	936891.0	2.380352	Y
8	IC 280-533108/17	100.0	249.488567	50.0	888093.0	2.494886	Y
9	IC 280-533108/14	200.0	461.208024	50.0	942084.0	2.30604	Y



**Calibration**

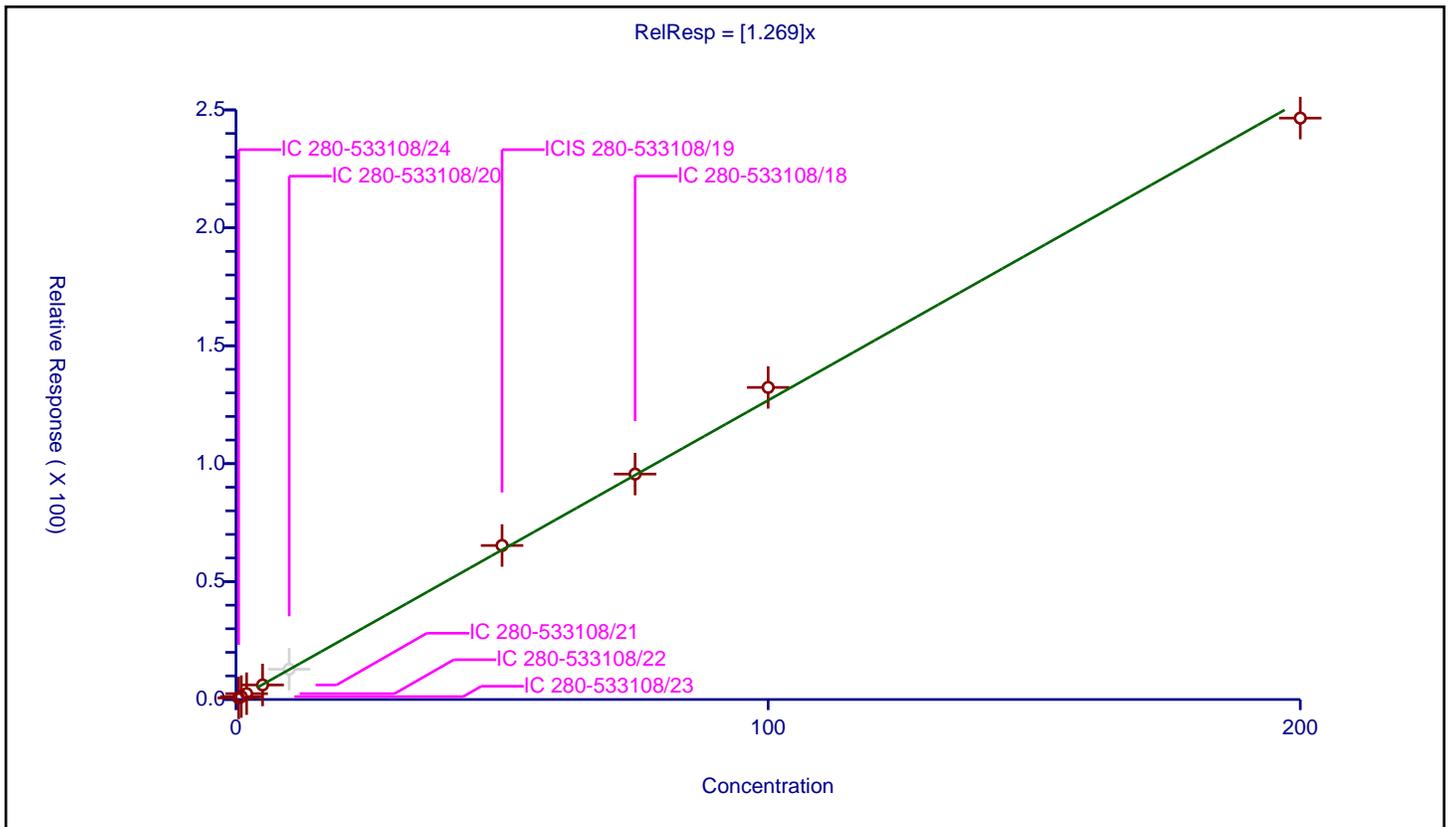
/ 1,4-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.269

Error Coefficients	
Standard Error:	2130000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.657252	50.0	973979.0	1.314505	Y
2	IC 280-533108/23	1.0	1.227386	50.0	961719.0	1.227386	Y
3	IC 280-533108/22	2.0	2.474291	50.0	930610.0	1.237146	Y
4	IC 280-533108/21	5.0	6.164977	50.0	934083.0	1.232995	Y
5	IC 280-533108/20	10.0	12.830341	50.0	920525.0	1.283034	N
6	ICIS 280-533108/19	50.0	65.306744	50.0	947174.0	1.306135	Y
7	IC 280-533108/18	75.0	95.59287	50.0	936891.0	1.274572	Y
8	IC 280-533108/17	100.0	132.325331	50.0	888093.0	1.323253	Y
9	IC 280-533108/14	200.0	246.521276	50.0	942084.0	1.232606	Y



Calibration

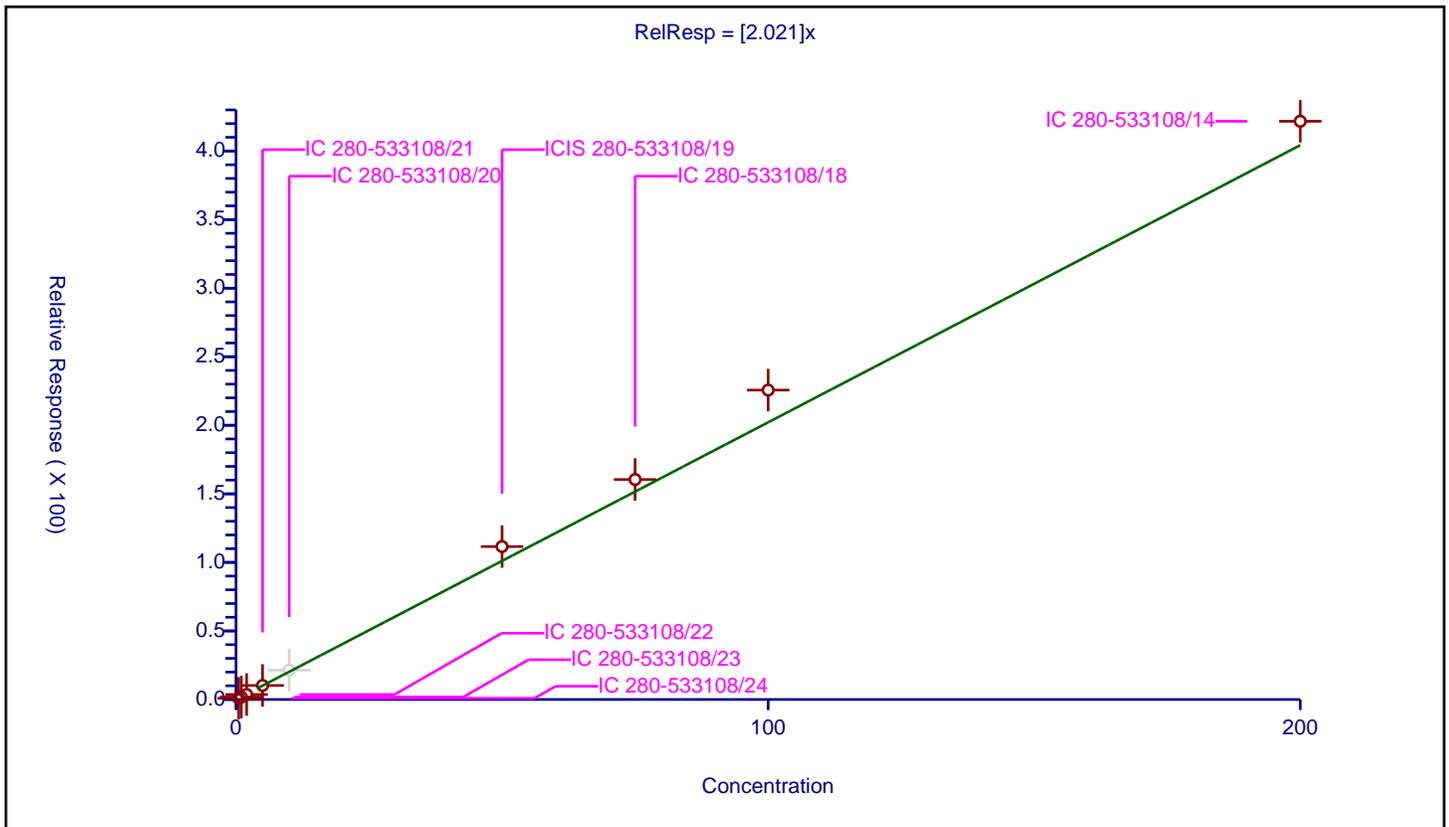
/ n-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.021

Error Coefficients	
Standard Error:	3640000
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.898377	50.0	973979.0	1.796753	Y
2	IC 280-533108/23	1.0	1.774531	50.0	961719.0	1.774531	Y
3	IC 280-533108/22	2.0	3.641966	50.0	930610.0	1.820983	Y
4	IC 280-533108/21	5.0	10.215152	50.0	934083.0	2.04303	Y
5	IC 280-533108/20	10.0	21.401809	50.0	920525.0	2.140181	N
6	ICIS 280-533108/19	50.0	111.537109	50.0	947174.0	2.230742	Y
7	IC 280-533108/18	75.0	160.430989	50.0	936891.0	2.13908	Y
8	IC 280-533108/17	100.0	225.639376	50.0	888093.0	2.256394	Y
9	IC 280-533108/14	200.0	421.70109	50.0	942084.0	2.108505	Y



Calibration

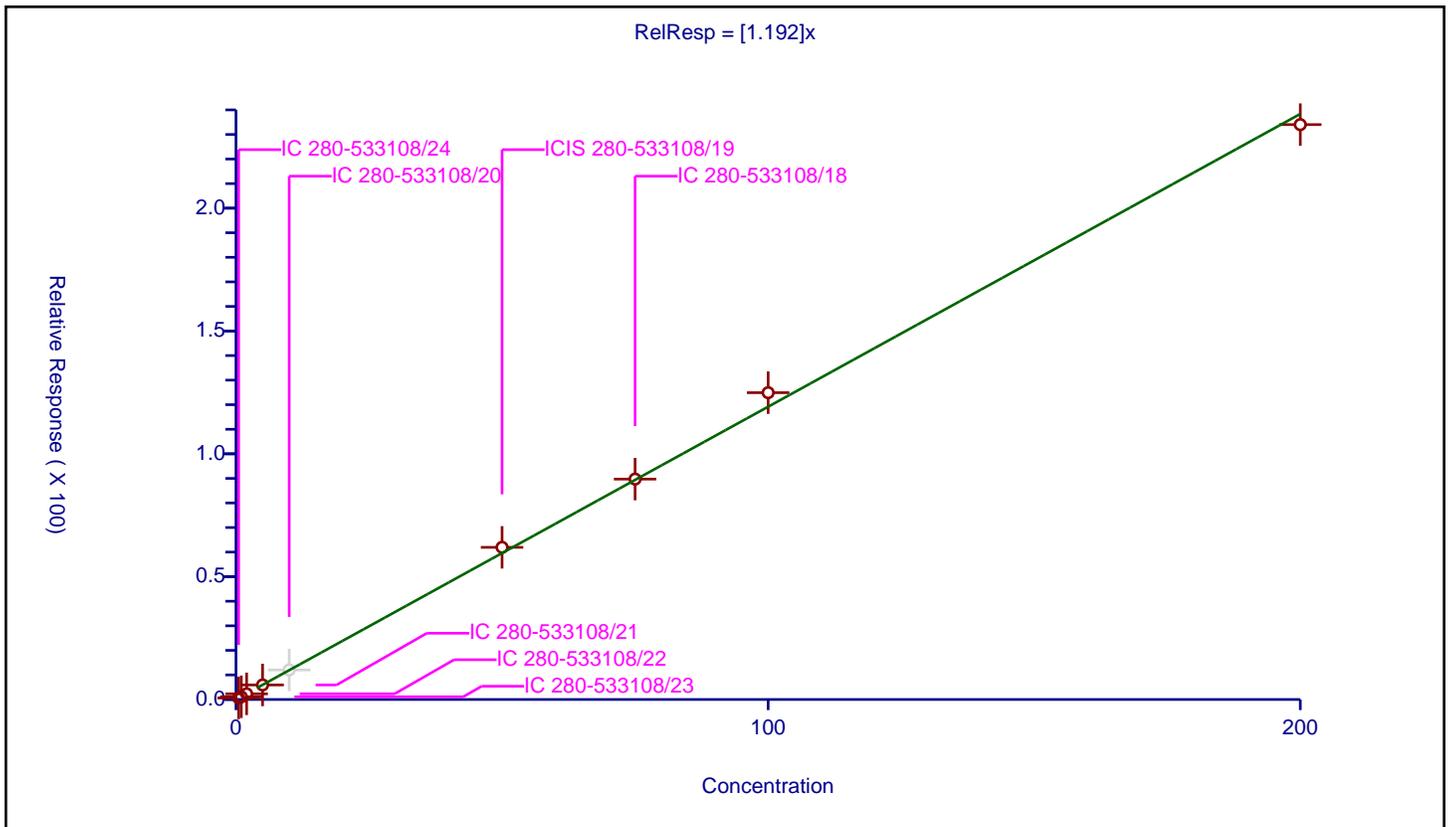
/ 1,2-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.192

Error Coefficients	
Standard Error:	2020000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.620034	50.0	973979.0	1.240068	Y
2	IC 280-533108/23	1.0	1.101621	50.0	961719.0	1.101621	Y
3	IC 280-533108/22	2.0	2.307196	50.0	930610.0	1.153598	Y
4	IC 280-533108/21	5.0	5.923082	50.0	934083.0	1.184616	Y
5	IC 280-533108/20	10.0	12.025257	50.0	920525.0	1.202526	N
6	ICIS 280-533108/19	50.0	61.940678	50.0	947174.0	1.238814	Y
7	IC 280-533108/18	75.0	89.713478	50.0	936891.0	1.19618	Y
8	IC 280-533108/17	100.0	124.891199	50.0	888093.0	1.248912	Y
9	IC 280-533108/14	200.0	234.006575	50.0	942084.0	1.170033	Y



Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

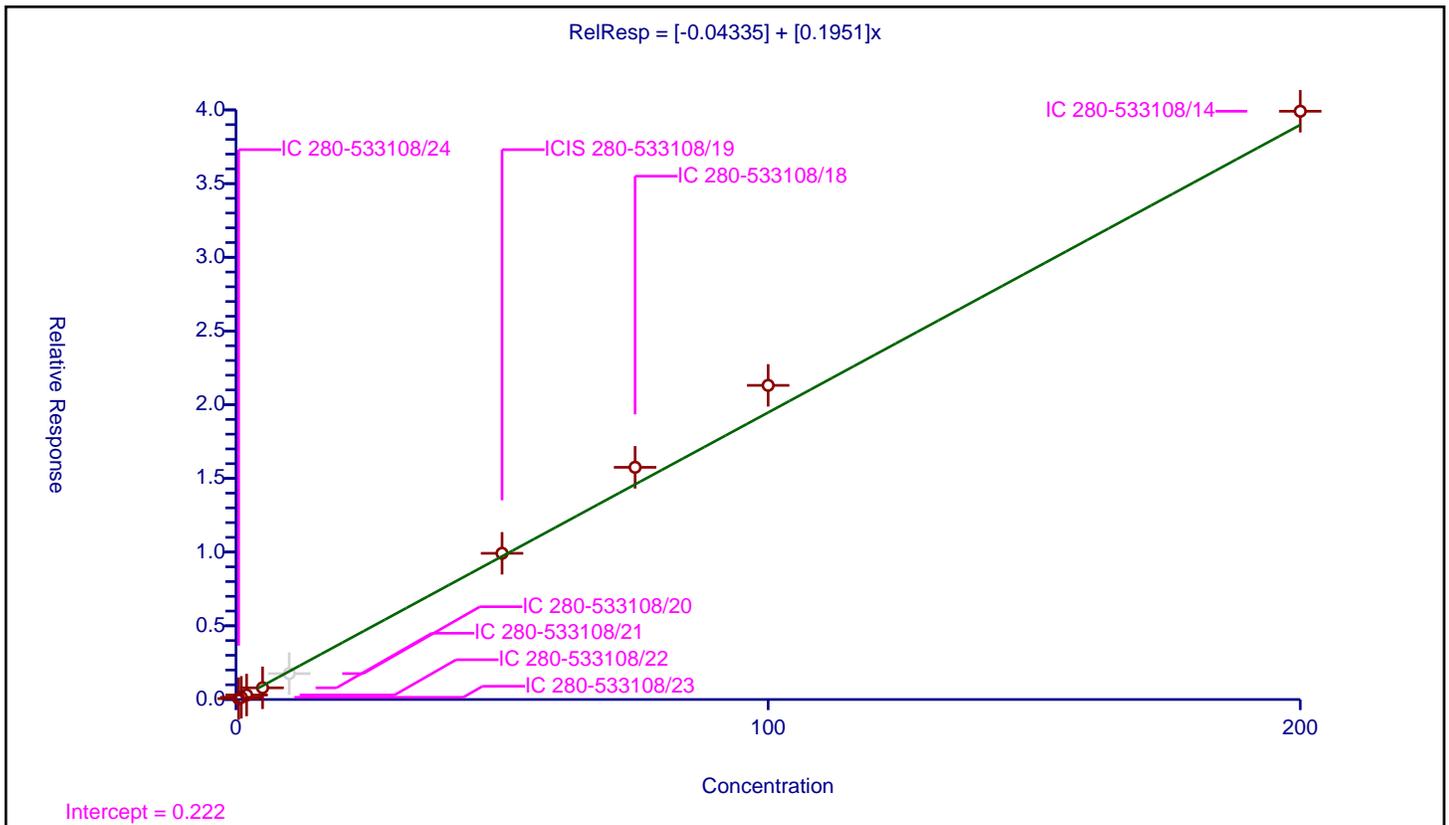
Curve Coefficients

Intercept: -0.04335  
 Slope: 0.1951

Error Coefficients

Standard Error: 372000  
 Relative Standard Error: 9.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.058831	50.0	973979.0	0.117662	Y
2	IC 280-533108/23	1.0	0.148796	50.0	961719.0	0.148796	Y
3	IC 280-533108/22	2.0	0.305606	50.0	930610.0	0.152803	Y
4	IC 280-533108/21	5.0	0.791525	50.0	934083.0	0.158305	Y
5	IC 280-533108/20	10.0	1.756009	50.0	920525.0	0.175601	N
6	ICIS 280-533108/19	50.0	9.917396	50.0	947174.0	0.198348	Y
7	IC 280-533108/18	75.0	15.750925	50.0	936891.0	0.210012	Y
8	IC 280-533108/17	100.0	21.311563	50.0	888093.0	0.213116	Y
9	IC 280-533108/14	200.0	39.908755	50.0	942084.0	0.199544	Y



Calibration

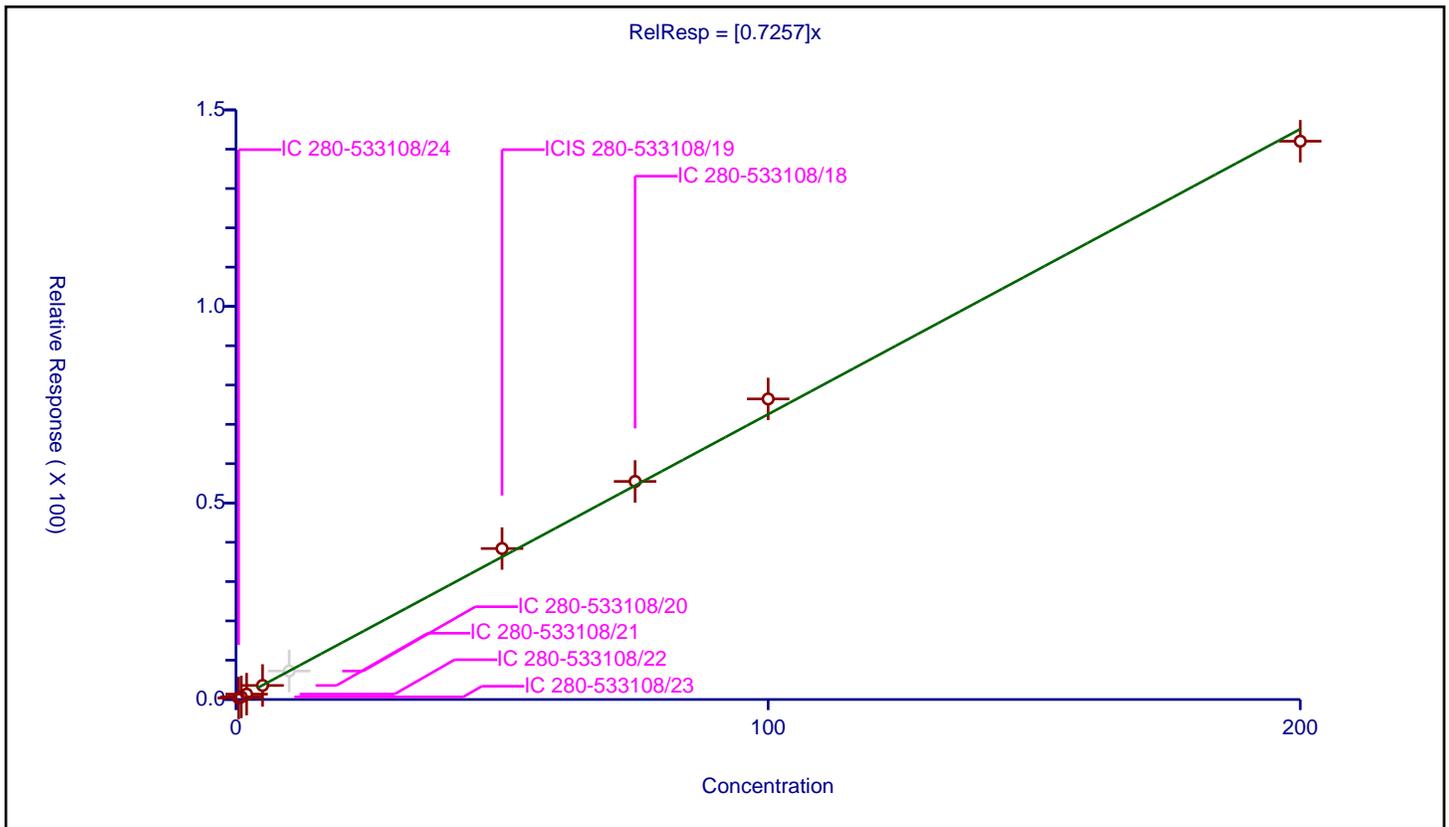
/ 1,2,4-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7257

Error Coefficients	
Standard Error:	1230000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.38317	50.0	973979.0	0.766341	Y
2	IC 280-533108/23	1.0	0.659444	50.0	961719.0	0.659444	Y
3	IC 280-533108/22	2.0	1.365287	50.0	930610.0	0.682644	Y
4	IC 280-533108/21	5.0	3.570828	50.0	934083.0	0.714166	Y
5	IC 280-533108/20	10.0	7.243204	50.0	920525.0	0.72432	N
6	ICIS 280-533108/19	50.0	38.406407	50.0	947174.0	0.768128	Y
7	IC 280-533108/18	75.0	55.477585	50.0	936891.0	0.739701	Y
8	IC 280-533108/17	100.0	76.464514	50.0	888093.0	0.764645	Y
9	IC 280-533108/14	200.0	142.036485	50.0	942084.0	0.710182	Y



Calibration

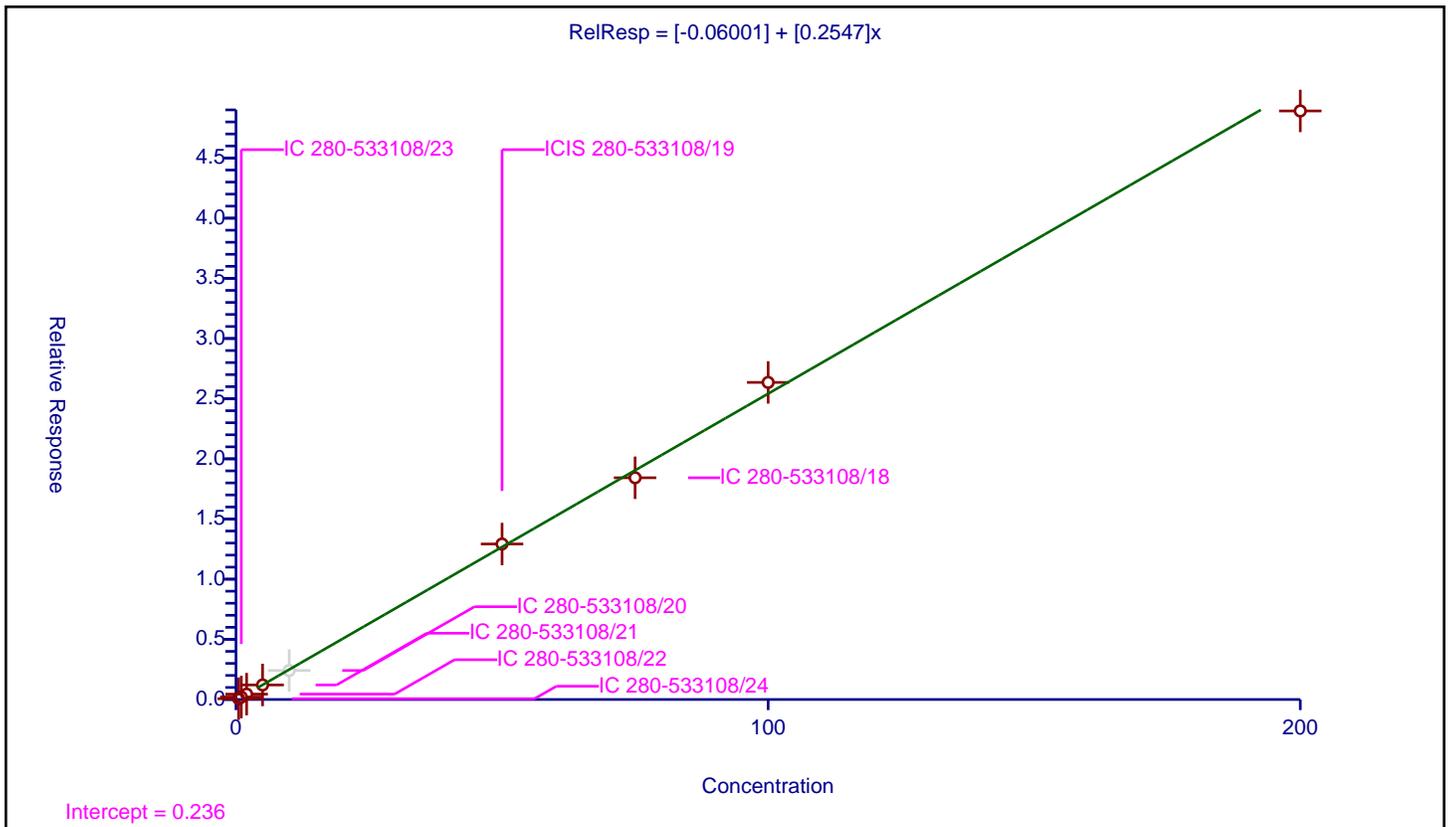
/ Hexachlorobutadiene

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	-0.06001
Slope:	0.2547

Error Coefficients	
Standard Error:	456000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.064734	50.0	973979.0	0.129469	Y
2	IC 280-533108/23	1.0	0.205985	50.0	961719.0	0.205985	Y
3	IC 280-533108/22	2.0	0.447287	50.0	930610.0	0.223644	Y
4	IC 280-533108/21	5.0	1.208404	50.0	934083.0	0.241681	Y
5	IC 280-533108/20	10.0	2.408571	50.0	920525.0	0.240857	N
6	ICIS 280-533108/19	50.0	12.923761	50.0	947174.0	0.258475	Y
7	IC 280-533108/18	75.0	18.428291	50.0	936891.0	0.245711	Y
8	IC 280-533108/17	100.0	26.3509	50.0	888093.0	0.263509	Y
9	IC 280-533108/14	200.0	48.911721	50.0	942084.0	0.244559	Y



**Calibration**

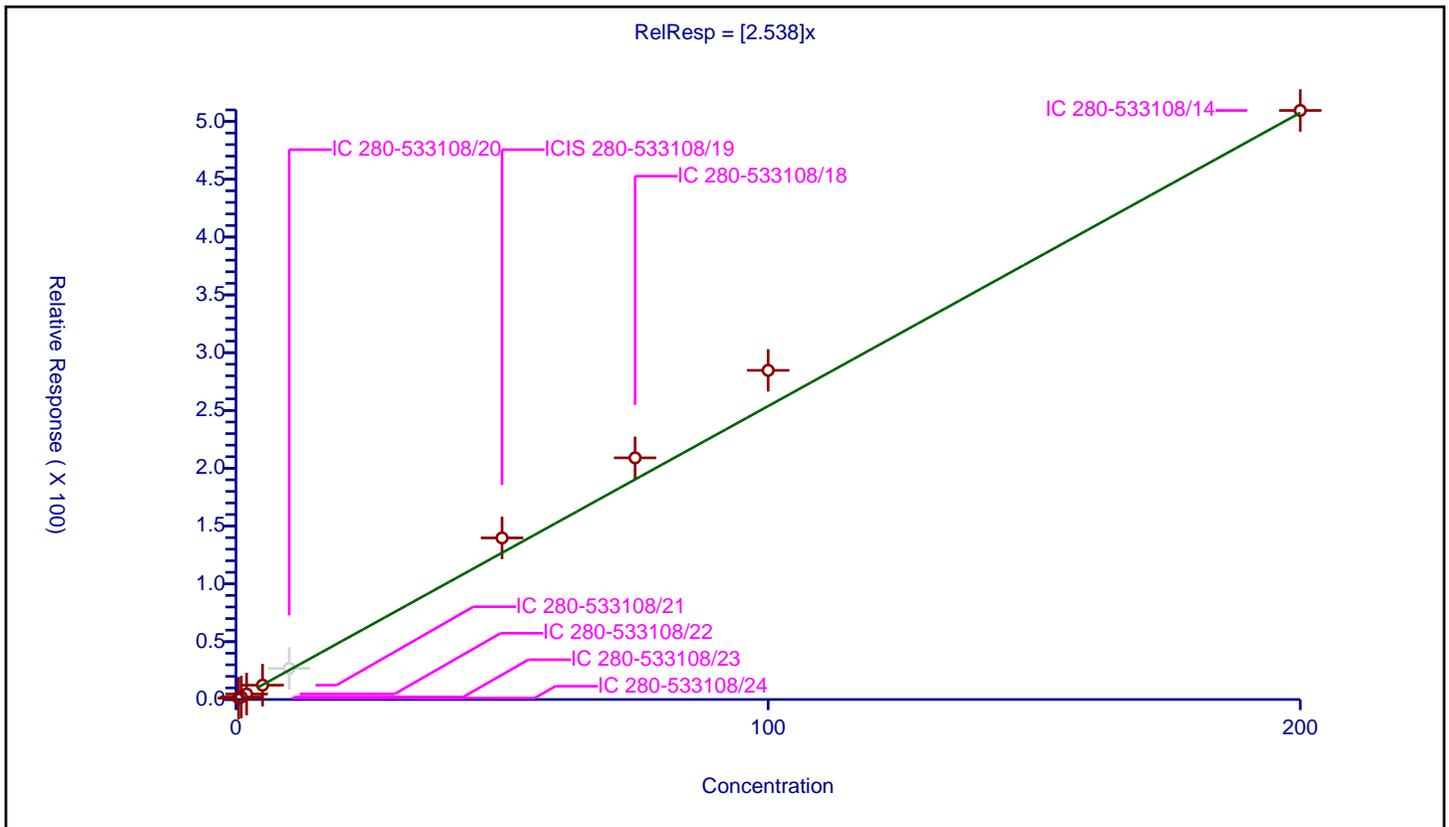
/ Naphthalene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.538

Error Coefficients	
Standard Error:	4470000
Relative Standard Error:	10.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	1.167736	50.0	973979.0	2.335471	Y
2	IC 280-533108/23	1.0	2.140074	50.0	961719.0	2.140074	Y
3	IC 280-533108/22	2.0	4.737269	50.0	930610.0	2.368635	Y
4	IC 280-533108/21	5.0	12.407302	50.0	934083.0	2.48146	Y
5	IC 280-533108/20	10.0	26.907254	50.0	920525.0	2.690725	N
6	ICIS 280-533108/19	50.0	139.760751	50.0	947174.0	2.795215	Y
7	IC 280-533108/18	75.0	209.024636	50.0	936891.0	2.786995	Y
8	IC 280-533108/17	100.0	284.70194	50.0	888093.0	2.847019	Y
9	IC 280-533108/14	200.0	509.516933	50.0	942084.0	2.547585	Y



**Calibration**

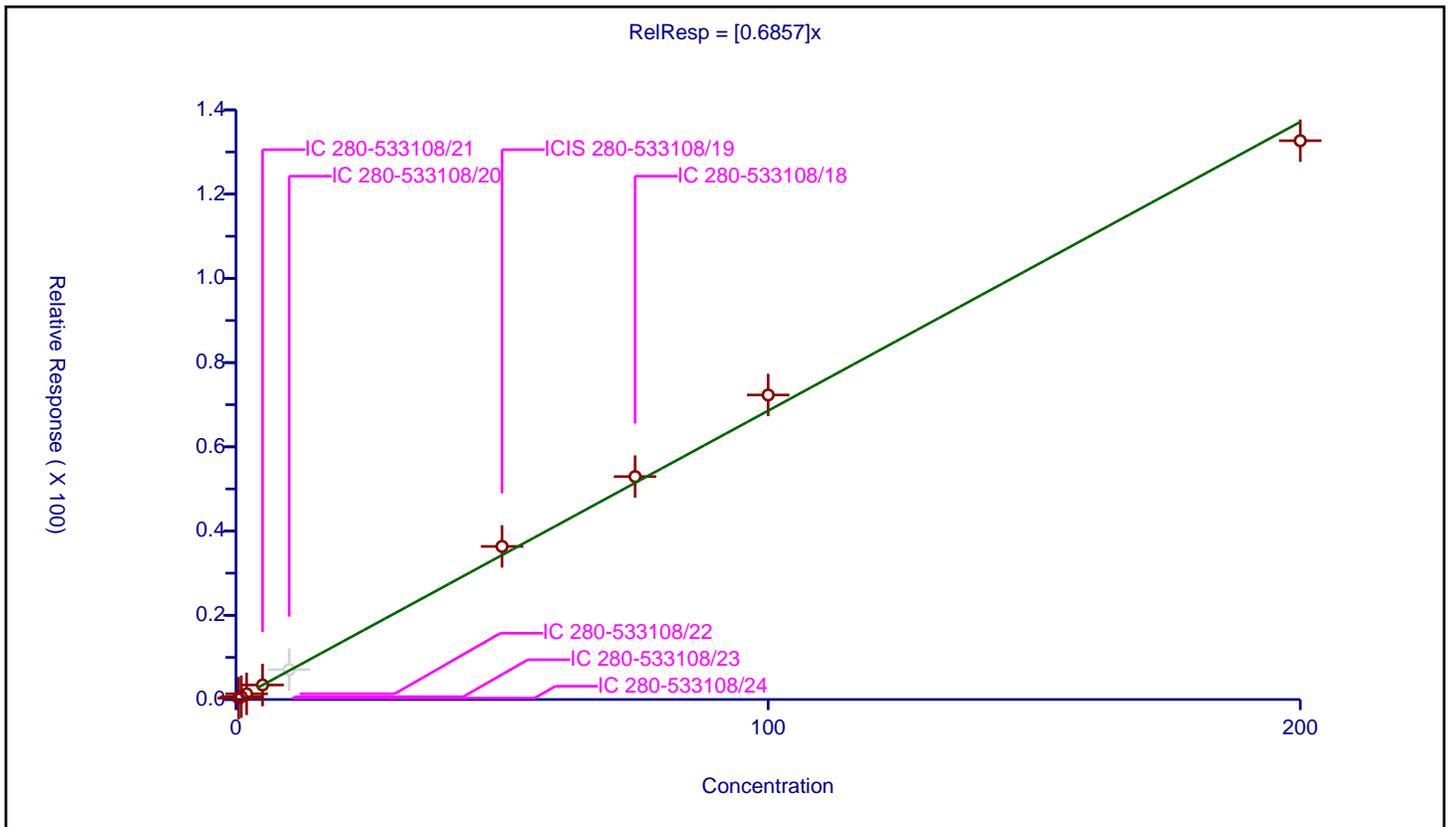
**/ 1,2,3-Trichlorobenzene**

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

Curve Coefficients	
Intercept:	0
Slope:	0.6857

Error Coefficients	
Standard Error:	1160000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 280-533108/24	0.5	0.322594	50.0	973979.0	0.645188	Y
2	IC 280-533108/23	1.0	0.659132	50.0	961719.0	0.659132	Y
3	IC 280-533108/22	2.0	1.344817	50.0	930610.0	0.672408	Y
4	IC 280-533108/21	5.0	3.449105	50.0	934083.0	0.689821	Y
5	IC 280-533108/20	10.0	7.086391	50.0	920525.0	0.708639	N
6	ICIS 280-533108/19	50.0	36.348232	50.0	947174.0	0.726965	Y
7	IC 280-533108/18	75.0	52.933159	50.0	936891.0	0.705775	Y
8	IC 280-533108/17	100.0	72.307405	50.0	888093.0	0.723074	Y
9	IC 280-533108/14	200.0	132.682595	50.0	942084.0	0.663413	Y



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 280-531966/26 Calibration Date: 04/09/2021 14:09  
 Instrument ID: VMS\_P Calib Start Date: 04/09/2021 10:19  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/09/2021 13:23  
 Lab File ID: P2878.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl ether	Ave	0.1499	0.1609		53.7	50.0	7.4	35.0
1,1,2-Trichlorotrifluoroethane	Lin1		0.1025		48.2	50.0	-3.6	55.0
1,1-Dichloroethene	Lin1		0.1413		48.6	50.0	-2.8	35.0
Acetone	Lin1		0.0749		208	200	4.2	55.0
Iodomethane	Lin1		0.2039		51.5	50.0	3.0	35.0
Carbon disulfide	Ave	0.4336	0.4519		52.1	50.0	4.2	55.0
Methyl acetate	Lin1		0.1764		108	100	7.5	55.0
Allyl chloride	Ave	0.2245	0.2403		53.5	50.0	7.1	35.0
Methylene Chloride	Ave	0.1919	0.1801		46.9	50.0	-6.1	35.0
Tert-butyl alcohol (2-methyl-2-propanol)	Ave	0.0281	0.0308		548	500	9.7	55.0
Acrylonitrile	Ave	0.0836	0.0885		529	500	5.9	55.0
Methyl tert-butyl ether	Ave	0.5873	0.6124		52.1	50.0	4.3	35.0
trans-1,2-Dichloroethene	Ave	0.1614	0.1647		51.0	50.0	2.0	35.0
Hexane	Lin1		0.9000		49.2	50.0	-1.6	35.0
Vinyl acetate	Ave	0.3898	0.4118		106	100	5.6	55.0
1,1-Dichloroethane	Ave	0.3118	0.3038	0.1000	48.7	50.0	-2.6	35.0
2-Butanone (MEK)	Lin1		0.1157		206	200	2.9	55.0
cis-1,2-Dichloroethene	Ave	0.1936	0.1855		47.9	50.0	-4.2	35.0
2,2-Dichloropropane	Ave	0.2606	0.2752		52.8	50.0	5.6	35.0
sec-Butyl Alcohol	Ave	0.0196	0.0220		1340	1200	12.0	
Chlorobromomethane	Ave	0.0835	0.0848		50.8	50.0	1.6	35.0
Tetrahydrofuran	Ave	0.0739	0.0723		97.8	100	-2.2	55.0
Chloroform	Ave	0.3364	0.3295		49.0	50.0	-2.1	35.0
1,1,1-Trichloroethane	Ave	0.2743	0.2728		49.7	50.0	-0.5	35.0
Cyclohexane	Lin1		0.2678		47.1	50.0	-5.8	35.0
1,1-Dichloropropene	Ave	0.2462	0.2420		49.1	50.0	-1.7	35.0
Carbon tetrachloride	Lin1		0.2088		45.3	50.0	-9.5	35.0
Isobutyl alcohol	Ave	0.0084	0.0093		1380	1250	10.5	55.0
Benzene	Ave	0.7279	0.7158		49.2	50.0	-1.7	35.0
1,2-Dichloroethane	Ave	0.3063	0.2940		48.0	50.0	-4.0	35.0
n-Heptane	Ave	0.1950	0.1751		44.9	50.0	-10.2	50.0
Trichloroethene	Ave	0.7952	0.7731		48.6	50.0	-2.8	35.0
2-Pentanone	Lin2		0.1829		171	160	6.9	55.0
Methylcyclohexane	Lin1		0.2036		45.9	50.0	-8.2	35.0
1,2-Dichloropropane	Ave	0.1862	0.1815		48.7	50.0	-2.5	35.0
1,4-Dioxane	Ave	0.0033	0.0035		1070	1000	6.9	55.0
Dibromomethane	Ave	0.1276	0.1287		50.5	50.0	0.9	35.0
Dichlorobromomethane	Ave	0.2426	0.2565		52.9	50.0	5.7	35.0
cis-1,3-Dichloropropene	Ave	1.284	1.316		51.2	50.0	2.5	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2163	0.2301		213	200	6.4	55.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 280-531966/26 Calibration Date: 04/09/2021 14:09

Instrument ID: VMS\_P Calib Start Date: 04/09/2021 10:19

GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/09/2021 13:23

Lab File ID: P2878.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene	Ave	0.7766	0.7491		48.2	50.0	-3.5	35.0
trans-1,3-Dichloropropene	Ave	0.2709	0.3028		55.9	50.0	11.8	35.0
Ethyl methacrylate	Ave	1.230	1.333		54.2	50.0	8.3	35.0
1,1,2-Trichloroethane	Ave	0.1671	0.1742		52.1	50.0	4.2	35.0
Tetrachloroethene	Ave	0.5163	0.5098		49.4	50.0	-1.2	35.0
1,3-Dichloropropane	Ave	1.377	1.381		50.2	50.0	0.3	35.0
2-Hexanone	Ave	0.6808	0.7527		221	200	10.6	55.0
Chlorodibromomethane	Lin1		0.7516		49.0	50.0	-1.9	35.0
1,2-Dibromoethane	Ave	0.7724	0.8151		52.8	50.0	5.5	35.0
1-Chlorohexane	Lin2		0.9797		38.6	40.0	-3.4	35.0
Chlorobenzene	Ave	2.081	2.034	0.3000	48.9	50.0	-2.2	35.0
1,1,1,2-Tetrachloroethane	Ave	0.6669	0.7053		52.9	50.0	5.8	35.0
Ethylbenzene	Ave	1.108	1.095		49.4	50.0	-1.2	35.0
m-Xylene & p-Xylene	Ave	1.348	1.357		50.3	50.0	0.6	35.0
o-Xylene	Ave	1.314	1.317		50.1	50.0	0.2	35.0
Styrene	Ave	2.287	2.362		51.6	50.0	3.3	35.0
Bromoform	Lin1		0.4849	0.1000	48.4	50.0	-3.2	35.0
Isopropylbenzene	Ave	2.336	2.304		49.3	50.0	-1.4	35.0
Cyclohexanone	Ave	0.0384	0.0435		2270	2000	13.3	35.0
1,1,2,2-Tetrachloroethane	Ave	0.7538	0.7979	0.3000	52.9	50.0	5.8	35.0
Bromobenzene	Ave	0.5527	0.5670		51.3	50.0	2.6	35.0
trans-1,4-Dichloro-2-butene	Ave	0.2216	0.2512		56.7	50.0	13.3	55.0
1,2,3-Trichloropropane	Ave	0.2355	0.2454		52.1	50.0	4.2	35.0
N-Propylbenzene	Ave	0.5906	0.6002		50.8	50.0	1.6	35.0
2-Chlorotoluene	Ave	0.5288	0.5269		49.8	50.0	-0.4	35.0
1,3,5-Trimethylbenzene	Ave	1.877	1.909		50.9	50.0	1.7	35.0
4-Chlorotoluene	Ave	0.5518	0.5618		50.9	50.0	1.8	35.0
tert-Butylbenzene	Ave	1.531	1.514		49.5	50.0	-1.1	35.0
1,2,4-Trimethylbenzene	Ave	1.943	2.002		51.5	50.0	3.0	35.0
sec-Butylbenzene	Ave	0.4186	0.4240		50.6	50.0	1.3	35.0
1,3-Dichlorobenzene	Ave	0.9817	0.998		50.8	50.0	1.6	35.0
4-Isopropyltoluene	Ave	1.799	1.862		51.8	50.0	3.5	35.0
1,4-Dichlorobenzene	Ave	1.044	1.037		49.7	50.0	-0.6	35.0
n-Butylbenzene	Ave	1.665	1.688		50.7	50.0	1.4	35.0
1,2-Dichlorobenzene	Ave	0.9508	0.9687		50.9	50.0	1.9	35.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1511		51.7	50.0	3.3	55.0
1,2,4-Trichlorobenzene	Ave	0.5226	0.5516		52.8	50.0	5.5	35.0
Hexachlorobutadiene	Lin1		0.1923		47.8	50.0	-4.4	35.0
Naphthalene	Ave	1.819	2.029		55.8	50.0	11.6	35.0
1,2,3-Trichlorobenzene	Ave	0.4858	0.5049		52.0	50.0	3.9	35.0
Dibromofluoromethane (Surr)	Ave	0.2475	0.2489		50.3	50.0	0.5	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 280-531966/26 Calibration Date: 04/09/2021 14:09  
 Instrument ID: VMS\_P Calib Start Date: 04/09/2021 10:19  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/09/2021 13:23  
 Lab File ID: P2878.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.3310	0.3255		49.2	50.0	-1.7	35.0
Toluene-d8 (Surr)	Ave	4.136	4.143		50.1	50.0	0.2	35.0
4-Bromofluorobenzene (Surr)	Ave	1.186	1.179		49.7	50.0	-0.6	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 280-531966/27 Calibration Date: 04/09/2021 15:17  
 Instrument ID: VMS\_P Calib Start Date: 04/09/2021 10:19  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/09/2021 13:23  
 Lab File ID: P2881.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		0.1906		41.7	50.0	-16.6	55.0
Chloromethane	Ave	0.2275	0.1842	0.1000	40.5	50.0	-19.0	35.0
Vinyl chloride	Ave	0.2042	0.1907		46.7	50.0	-6.6	35.0
Bromomethane	Lin2		0.1005		41.9	50.0	-16.1	35.0
Chloroethane	Lin1		0.1133		48.0	50.0	-4.0	35.0
Dichlorofluoromethane	Ave	0.3219	0.3057		47.5	50.0	-5.0	55.0
Trichlorofluoromethane	Ave	0.2917	0.2642		45.3	50.0	-9.4	50.0
Acrolein	Ave	0.0386	0.0218		279	494	-43.6	55.0
2-Chloroethyl vinyl ether	Ave	0.1416	0.1456		51.4	50.0	2.9	55.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 280-533423/2 Calibration Date: 04/21/2021 21:20  
 Instrument ID: VMS\_P Calib Start Date: 04/09/2021 10:19  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/09/2021 13:23  
 Lab File ID: P3410.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		0.1968		43.0	50.0	-13.9	50.0
Chloromethane	Ave	0.2275	0.1702	0.1000	37.4	50.0	-25.2	35.0
Vinyl chloride	Ave	0.2042	0.1688		41.3	50.0	-17.3	20.0
Bromomethane	Lin2		0.0946		39.5	50.0	-21.1	35.0
Chloroethane	Lin1		0.1040		44.0	50.0	-12.0	35.0
Dichlorofluoromethane	Ave	0.3219	0.2702		42.0	50.0	-16.1	50.0
Trichlorofluoromethane	Ave	0.2917	0.2467		42.3	50.0	-15.4	50.0
Ethyl ether	Ave	0.1499	0.1494		49.9	50.0	-0.3	35.0
Acrolein	Ave	0.0386	0.0384		490	494	-0.7	50.0
1,1-Dichloroethene	Lin1		0.1457		50.1	50.0	0.2	20.0
1,1,2-Trichlorotrifluoroethane	Lin1		0.1109		52.1	50.0	4.3	50.0
Acetone	Lin1		0.0699		194	200	-2.9	50.0
Iodomethane	Lin1		0.1781		45.0	50.0	-10.0	35.0
Carbon disulfide	Ave	0.4336	0.4441		51.2	50.0	2.4	50.0
Methyl acetate	Lin1		0.1577		95.8	100	-4.2	50.0
Allyl chloride	Ave	0.2245	0.2345		52.2	50.0	4.5	35.0
Methylene Chloride	Ave	0.1919	0.1775		46.3	50.0	-7.5	35.0
Tert-butyl alcohol (2-methyl-2-propanol)	Ave	0.0281	0.0277		494	500	-1.2	50.0
Acrylonitrile	Ave	0.0836	0.0862		515	500	3.1	50.0
Methyl tert-butyl ether	Ave	0.5873	0.5886		50.1	50.0	0.2	35.0
trans-1,2-Dichloroethene	Ave	0.1614	0.1688		52.3	50.0	4.5	35.0
Hexane	Lin1		0.9686		52.9	50.0	5.9	35.0
Vinyl acetate	Ave	0.3898	0.4347		112	100	11.5	50.0
1,1-Dichloroethane	Ave	0.3118	0.3108	0.1000	49.8	50.0	-0.3	35.0
2-Butanone (MEK)	Lin1		0.1098		195	200	-2.5	50.0
cis-1,2-Dichloroethene	Ave	0.1936	0.1876		48.4	50.0	-3.1	35.0
2,2-Dichloropropane	Ave	0.2606	0.2684		51.5	50.0	3.0	35.0
sec-Butyl Alcohol	Ave	0.0196	0.0199		1220	1200	1.5	50.0
Chlorobromomethane	Ave	0.0835	0.0889		53.2	50.0	6.5	35.0
Tetrahydrofuran	Ave	0.0739	0.0711		96.3	100	-3.7	50.0
Chloroform	Ave	0.3364	0.3284		48.8	50.0	-2.4	20.0
1,1,1-Trichloroethane	Ave	0.2743	0.2868		52.3	50.0	4.5	35.0
Cyclohexane	Lin1		0.2870		50.5	50.0	0.9	35.0
1,1-Dichloropropene	Ave	0.2462	0.2532		51.4	50.0	2.8	35.0
Carbon tetrachloride	Lin1		0.2285		49.5	50.0	-1.0	35.0
Isobutyl alcohol	Ave	0.0084	0.0090		1330	1250	6.6	50.0
Benzene	Ave	0.7279	0.7294		50.1	50.0	0.2	35.0
1,2-Dichloroethane	Ave	0.3063	0.2858		46.7	50.0	-6.7	35.0
n-Heptane	Ave	0.1950	0.1919		49.2	50.0	-1.6	50.0
Trichloroethene	Ave	0.7952	0.7904		49.7	50.0	-0.6	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 280-533423/2 Calibration Date: 04/21/2021 21:20  
 Instrument ID: VMS\_P Calib Start Date: 04/09/2021 10:19  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/09/2021 13:23  
 Lab File ID: P3410.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Pentanone	Lin2		0.1741		163	160	1.7	50.0
Methylcyclohexane	Lin1		0.2227		50.2	50.0	0.4	35.0
1,2-Dichloropropane	Ave	0.1862	0.1787		48.0	50.0	-4.0	20.0
1,4-Dioxane	Ave	0.0033	0.0034		1030	1000	3.5	50.0
Dibromomethane	Ave	0.1276	0.1269		49.8	50.0	-0.5	35.0
Dichlorobromomethane	Ave	0.2426	0.2559		52.7	50.0	5.5	35.0
2-Chloroethyl vinyl ether	Ave	0.1416	0.1425		50.3	50.0	0.6	50.0
cis-1,3-Dichloropropene	Ave	1.284	1.295		50.4	50.0	0.8	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2163	0.2194		203	200	1.4	50.0
Toluene	Ave	0.7766	0.7681		49.5	50.0	-1.1	20.0
trans-1,3-Dichloropropene	Ave	0.2709	0.2861		52.8	50.0	5.6	35.0
Ethyl methacrylate	Ave	1.230	1.264		51.4	50.0	2.7	35.0
1,1,2-Trichloroethane	Ave	0.1671	0.1688		50.5	50.0	1.0	35.0
Tetrachloroethene	Ave	0.5163	0.5564		53.9	50.0	7.8	35.0
1,3-Dichloropropane	Ave	1.377	1.336		48.5	50.0	-2.9	35.0
2-Hexanone	Ave	0.6808	0.6878		202	200	1.0	50.0
Chlorodibromomethane	Lin1		0.7477		48.8	50.0	-2.4	35.0
1,2-Dibromoethane	Ave	0.7724	0.7885		51.0	50.0	2.1	35.0
1-Chlorohexane	Lin2		1.006		39.7	40.0	-0.8	35.0
Chlorobenzene	Ave	2.081	2.054	0.3000	49.3	50.0	-1.3	35.0
1,1,1,2-Tetrachloroethane	Ave	0.6669	0.7225		54.2	50.0	8.3	35.0
Ethylbenzene	Ave	1.108	1.130		51.0	50.0	2.0	20.0
m-Xylene & p-Xylene	Ave	1.348	1.405		52.1	50.0	4.2	35.0
o-Xylene	Ave	1.314	1.361		51.8	50.0	3.6	35.0
Styrene	Ave	2.287	2.433		53.2	50.0	6.4	35.0
Bromoform	Lin1		0.5053	0.1000	50.4	50.0	0.8	35.0
Isopropylbenzene	Ave	2.336	2.352		50.3	50.0	0.7	35.0
Cyclohexanone	Ave	0.0384	0.0350		1820	2000	-8.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7538	0.7394	0.3000	49.0	50.0	-1.9	35.0
Bromobenzene	Ave	0.5527	0.5705		51.6	50.0	3.2	35.0
trans-1,4-Dichloro-2-butene	Ave	0.2216	0.1997		45.1	50.0	-9.9	50.0
1,2,3-Trichloropropane	Ave	0.2355	0.2411		51.2	50.0	2.4	35.0
N-Propylbenzene	Ave	0.5906	0.6107		51.7	50.0	3.4	35.0
2-Chlorotoluene	Ave	0.5288	0.5346		50.5	50.0	1.1	35.0
1,3,5-Trimethylbenzene	Ave	1.877	1.933		51.5	50.0	3.0	35.0
4-Chlorotoluene	Ave	0.5518	0.5591		50.7	50.0	1.3	35.0
tert-Butylbenzene	Ave	1.531	1.555		50.8	50.0	1.6	35.0
1,2,4-Trimethylbenzene	Ave	1.943	2.002		51.5	50.0	3.0	35.0
sec-Butylbenzene	Ave	0.4186	0.4417		52.8	50.0	5.5	35.0
1,3-Dichlorobenzene	Ave	0.9817	1.016		51.8	50.0	3.5	35.0
4-Isopropyltoluene	Ave	1.799	1.919		53.3	50.0	6.7	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 280-533423/2 Calibration Date: 04/21/2021 21:20  
 Instrument ID: VMS\_P Calib Start Date: 04/09/2021 10:19  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/09/2021 13:23  
 Lab File ID: P3410.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dichlorobenzene	Ave	1.044	1.053		50.4	50.0	0.9	35.0
n-Butylbenzene	Ave	1.665	1.715		51.5	50.0	3.0	35.0
1,2-Dichlorobenzene	Ave	0.9508	0.9802		51.5	50.0	3.1	35.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1531		52.3	50.0	4.7	50.0
1,2,4-Trichlorobenzene	Ave	0.5226	0.5629		53.9	50.0	7.7	35.0
Hexachlorobutadiene	Lin1		0.2070		51.5	50.0	2.9	35.0
Naphthalene	Ave	1.819	1.966		54.0	50.0	8.1	35.0
1,2,3-Trichlorobenzene	Ave	0.4858	0.5198		53.5	50.0	7.0	35.0
Dibromofluoromethane (Surr)	Ave	0.2475	0.2443		49.3	50.0	-1.3	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3310	0.3204		48.4	50.0	-3.2	35.0
Toluene-d8 (Surr)	Ave	4.136	4.076		49.3	50.0	-1.5	35.0
4-Bromofluorobenzene (Surr)	Ave	1.186	1.112		46.9	50.0	-6.3	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 280-522238/22 Calibration Date: 12/30/2020 23:04  
 Instrument ID: VMS\_R1 Calib Start Date: 12/30/2020 19:59  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 12/30/2020 22:41  
 Lab File ID: R2296.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene oxide	Ave	0.0116	0.0098		4230	5000	-15.4	55.0
Ethanol	Ave	0.0037	0.0047		2810	2250	24.7	55.0
Propene oxide	Lin2		0.0375		4110	5000	-17.8	55.0
2-Propanol	Ave	0.0201	0.0197		489	500	-2.3	55.0
Acetonitrile	Ave	0.0398	0.0410		515	500	3.0	55.0
Di-isopropyl ether (DIPE)	Ave	0.1711	0.1673		48.9	50.0	-2.2	35.0
Chloroprene	Ave	0.2966	0.2924		49.3	50.0	-1.4	35.0
Tert-butyl ethyl ether	Ave	0.6156	0.6011		48.8	50.0	-2.3	35.0
Ethyl acetate	Lin2		0.2242		98.6	100	-1.4	55.0
Propionitrile	Ave	0.0453	0.0465		514	500	2.7	55.0
Methacrylonitrile	Ave	0.1707	0.1693		496	500	-0.8	55.0
Tert-amyl methyl ether	Ave	0.5877	0.5661		48.2	50.0	-3.7	35.0
n-Butanol	Lin2		0.0099		1240	1250	-1.0	55.0
Methyl methacrylate	Lin2		0.0702		97.7	100	-2.3	35.0
2-Nitropropane	Lin1		0.0322		82.4	100	-17.6	55.0
Tetrahydrothiophene	Ave	0.0344	0.0278		80.7	100	-19.3	55.0
cis-1,4-Dichloro-2-butene	Lin1		0.1454		73.5	100	-26.5	55.0
1,2,3-Trimethylbenzene	Ave	2.192	2.142		48.9	50.0	-2.3	35.0
1,3,5-Trichlorobenzene	Ave	0.7635	0.7355		48.2	50.0	-3.7	50.0
Dibromofluoromethane (Surr)	Ave	0.2348	0.2335		49.7	50.0	-0.6	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2601	0.2584		49.7	50.0	-0.7	35.0
Toluene-d8 (Surr)	Ave	4.243	4.269		50.3	50.0	0.6	35.0
4-Bromofluorobenzene (Surr)	Ave	0.9601	0.9673		50.4	50.0	0.7	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 280-531946/28 Calibration Date: 04/09/2021 06:53  
 Instrument ID: VMS\_R1 Calib Start Date: 04/07/2021 17:08  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/07/2021 20:12  
 Lab File ID: R4772.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		0.2373		46.7	50.0	-6.6	55.0
Chloromethane	Ave	0.3227	0.2973	0.1000	46.1	50.0	-7.9	35.0
Vinyl chloride	Ave	0.2706	0.2953		54.6	50.0	9.1	35.0
Bromomethane	Lin1		0.1237		43.7	50.0	-12.6	35.0
Chloroethane	Ave	0.1569	0.1687		53.8	50.0	7.5	35.0
Dichlorofluoromethane	Ave	0.3657	0.3959		54.1	50.0	8.3	55.0
Trichlorofluoromethane	Ave	0.2976	0.3161		53.1	50.0	6.2	50.0
Ethyl ether	Ave	0.1777	0.2015		56.7	50.0	13.4	35.0
Acrolein	Ave	0.0497	0.0269		268	494	-45.8	55.0
1,1,2-Trichlorotrifluoroethane	Ave	0.1277	0.1487		58.3	50.0	16.5	55.0
1,1-Dichloroethene	Ave	0.1777	0.2033		57.2	50.0	14.4	35.0
Acetone	Ave	0.0783	0.0860		220	200	9.8	55.0
Iodomethane	Ave	0.2443	0.2217		45.4	50.0	-9.2	35.0
Carbon disulfide	Ave	0.5979	0.6708		56.1	50.0	12.2	55.0
Methyl acetate	Ave	0.1895	0.2222		117	100	17.2	55.0
Allyl chloride	Ave	0.2868	0.3350		58.4	50.0	16.8	35.0
Methylene Chloride	Ave	0.2338	0.2465		52.7	50.0	5.4	35.0
Tert-butyl alcohol (2-methyl-2-propanol)	Lin1		0.0307		488	500	-2.5	55.0
Acrylonitrile	Ave	0.1099	0.1230		560	500	12.0	55.0
Methyl tert-butyl ether	Ave	0.6138	0.6682		54.4	50.0	8.9	35.0
trans-1,2-Dichloroethene	Ave	0.2003	0.2294		57.2	50.0	14.5	35.0
Hexane	Ave	1.223	1.313		53.7	50.0	7.3	35.0
Vinyl acetate	Lin1		0.4940		95.9	100	-4.1	55.0
1,1-Dichloroethane	Ave	0.3741	0.4112	0.1000	55.0	50.0	9.9	35.0
2-Butanone (MEK)	Ave	0.1248	0.1450		232	200	16.1	55.0
cis-1,2-Dichloroethene	Ave	0.2333	0.2576		55.2	50.0	10.4	35.0
2,2-Dichloropropane	Lin1		0.3086		49.1	50.0	-1.9	35.0
sec-Butyl Alcohol	Lin1		0.0274		1220	1200	1.3	55.0
Chlorobromomethane	Ave	0.1071	0.1140		53.2	50.0	6.4	35.0
Tetrahydrofuran	Ave	0.0844	0.0951		113	100	12.6	55.0
Chloroform	Ave	0.3594	0.3983		55.4	50.0	10.8	35.0
1,1,1-Trichloroethane	Ave	0.2959	0.3236		54.7	50.0	9.4	35.0
Cyclohexane	Ave	0.3733	0.4152		55.6	50.0	11.2	35.0
1,1-Dichloropropene	Ave	0.3034	0.3328		54.8	50.0	9.7	35.0
Carbon tetrachloride	Ave	0.2384	0.2657		55.7	50.0	11.5	35.0
Isobutyl alcohol	Lin1		0.0114		1320	1250	5.4	55.0
Benzene	Ave	0.9164	1.008		55.0	50.0	10.0	35.0
1,2-Dichloroethane	Ave	0.2856	0.3002		52.5	50.0	5.1	35.0
n-Heptane	Ave	0.2352	0.2572		54.7	50.0	9.4	50.0
Trichloroethene	Ave	0.9667	0.9578		49.5	50.0	-0.9	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 280-531946/28 Calibration Date: 04/09/2021 06:53  
 Instrument ID: VMS\_R1 Calib Start Date: 04/07/2021 17:08  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/07/2021 20:12  
 Lab File ID: R4772.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Pentanone	Lin1		0.2278		170	160	6.1	55.0
Methylcyclohexane	Lin2		0.2979		52.2	50.0	4.3	35.0
1,2-Dichloropropane	Ave	0.2292	0.2565		55.9	50.0	11.9	35.0
1,4-Dioxane	Lin2		0.0045		1100	1000	9.6	55.0
Dibromomethane	Ave	0.1410	0.1509		53.5	50.0	7.0	35.0
Dichlorobromomethane	Lin2		0.2940		52.4	50.0	4.8	35.0
2-Chloroethyl vinyl ether	Ave	0.1680	0.1934		57.6	50.0	15.1	55.0
cis-1,3-Dichloropropene	Ave	1.531	1.558		50.9	50.0	1.8	35.0
4-Methyl-2-pentanone (MIBK)	Lin1		0.2807		212	200	6.2	55.0
Toluene	Ave	0.9563	1.043		54.5	50.0	9.0	35.0
trans-1,3-Dichloropropene	Lin1		0.3523		49.4	50.0	-1.3	35.0
Ethyl methacrylate	Lin1		1.423		48.1	50.0	-3.8	35.0
1,1,2-Trichloroethane	Ave	0.2005	0.2295		57.2	50.0	14.4	35.0
Tetrachloroethene	Ave	0.7120	0.7240		50.8	50.0	1.7	35.0
1,3-Dichloropropane	Ave	1.622	1.656		51.1	50.0	2.1	35.0
2-Hexanone	Lin2		0.8399		213	200	6.6	55.0
Chlorodibromomethane	Lin1		0.9036		47.4	50.0	-5.1	35.0
1,2-Dibromoethane	Ave	0.9443	0.9588		50.8	50.0	1.5	35.0
1-Chlorohexane	Ave	1.377	1.293		37.6	40.0	-6.1	35.0
Chlorobenzene	Ave	2.680	2.713	0.3000	50.6	50.0	1.2	35.0
1,1,1,2-Tetrachloroethane	Lin2		0.8716		49.5	50.0	-0.9	35.0
Ethylbenzene	Ave	1.462	1.495		51.1	50.0	2.3	35.0
m-Xylene & p-Xylene	Ave	1.768	1.827		51.7	50.0	3.3	35.0
o-Xylene	Ave	1.702	1.786		52.4	50.0	4.9	35.0
Styrene	Ave	2.949	3.081		52.2	50.0	4.5	35.0
Bromoform	Lin1		0.6043	0.1000	46.1	50.0	-7.7	35.0
Isopropylbenzene	Ave	2.770	2.851		51.5	50.0	2.9	35.0
Cyclohexanone	Lin1		0.0521		1970	2000	-1.4	35.0
1,1,2,2-Tetrachloroethane	Ave	0.8637	0.9189	0.3000	53.2	50.0	6.4	35.0
Bromobenzene	Ave	0.6731	0.6817		50.6	50.0	1.3	35.0
trans-1,4-Dichloro-2-butene	Lin1		0.2104		41.2	50.0	-17.7	55.0
1,2,3-Trichloropropane	Lin2		0.2617		47.5	50.0	-5.1	35.0
N-Propylbenzene	Ave	0.7616	0.7841		51.5	50.0	3.0	35.0
2-Chlorotoluene	Ave	0.6636	0.6808		51.3	50.0	2.6	35.0
1,3,5-Trimethylbenzene	Ave	2.266	2.391		52.8	50.0	5.5	35.0
4-Chlorotoluene	Ave	0.6886	0.7163		52.0	50.0	4.0	35.0
tert-Butylbenzene	Ave	1.921	1.979		51.5	50.0	3.0	35.0
1,2,4-Trimethylbenzene	Ave	2.334	2.469		52.9	50.0	5.8	35.0
sec-Butylbenzene	Lin2		0.5784		49.5	50.0	-1.0	35.0
1,3-Dichlorobenzene	Ave	1.296	1.314		50.7	50.0	1.4	35.0
4-Isopropyltoluene	Ave	2.383	2.500		52.5	50.0	4.9	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 280-531946/28 Calibration Date: 04/09/2021 06:53  
 Instrument ID: VMS\_R1 Calib Start Date: 04/07/2021 17:08  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/07/2021 20:12  
 Lab File ID: R4772.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dichlorobenzene	Ave	1.346	1.349		50.1	50.0	0.2	35.0
n-Butylbenzene	Ave	2.122	2.216		52.2	50.0	4.4	35.0
1,2-Dichlorobenzene	Ave	1.245	1.273		51.1	50.0	2.2	35.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1872		43.4	50.0	-13.2	55.0
1,2,4-Trichlorobenzene	Ave	0.7855	0.7948		50.6	50.0	1.2	35.0
Hexachlorobutadiene	Ave	0.2771	0.2890		52.1	50.0	4.3	35.0
Naphthalene	Ave	2.540	2.701		53.2	50.0	6.3	35.0
1,2,3-Trichlorobenzene	Lin1		0.7438		48.2	50.0	-3.6	35.0
Dibromofluoromethane (Surr)	Ave	0.2315	0.2374		51.3	50.0	2.5	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2492	0.2482		49.8	50.0	-0.4	35.0
Toluene-d8 (Surr)	Ave	4.231	4.121		48.7	50.0	-2.6	35.0
4-Bromofluorobenzene (Surr)	Ave	0.9830	0.9751		49.6	50.0	-0.8	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 280-532734/2 Calibration Date: 04/16/2021 08:14  
 Instrument ID: VMS\_R1 Calib Start Date: 04/07/2021 17:08  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/07/2021 20:12  
 Lab File ID: R5089.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		0.2545		50.1	50.0	0.2	50.0
Chloromethane	Ave	0.3227	0.3175	0.1000	49.2	50.0	-1.6	35.0
Vinyl chloride	Ave	0.2706	0.2978		55.0	50.0	10.0	20.0
Bromomethane	Lin1		0.1168		41.2	50.0	-17.6	35.0
Chloroethane	Ave	0.1569	0.1791		57.1	50.0	14.2	35.0
Dichlorofluoromethane	Ave	0.3657	0.4017		54.9	50.0	9.8	50.0
Trichlorofluoromethane	Ave	0.2976	0.3187		53.5	50.0	7.1	50.0
Ethyl ether	Ave	0.1777	0.2124		59.7	50.0	19.5	35.0
Acrolein	Ave	0.0497	0.0524		521	494	5.6	50.0
1,1,2-Trichlorotrifluoroethane	Ave	0.1277	0.1355		53.1	50.0	6.1	50.0
1,1-Dichloroethene	Ave	0.1777	0.1974		55.5	50.0	11.1	20.0
Acetone	Ave	0.0783	0.0898		229	200	14.7	50.0
Iodomethane	Ave	0.2443	0.2099		43.0	50.0	-14.1	35.0
Carbon disulfide	Ave	0.5979	0.6505		54.4	50.0	8.8	50.0
Methyl acetate	Ave	0.1895	0.2316		122	100	22.2	50.0
Allyl chloride	Ave	0.2868	0.3503		61.1	50.0	22.1	35.0
Methylene Chloride	Ave	0.2338	0.2514		53.7	50.0	7.5	35.0
Tert-butyl alcohol (2-methyl-2-propanol)	Lin1		0.0368		583	500	16.6	50.0
Acrylonitrile	Ave	0.1099	0.1320		601	500	20.1	50.0
Methyl tert-butyl ether	Ave	0.6138	0.7183		58.5	50.0	17.0	35.0
trans-1,2-Dichloroethene	Ave	0.2003	0.2304		57.5	50.0	15.0	35.0
Hexane	Ave	1.223	1.293		52.9	50.0	5.8	35.0
Vinyl acetate	Lin1		0.6185		120	100	19.9	50.0
1,1-Dichloroethane	Ave	0.3741	0.4416	0.1000	59.0	50.0	18.0	35.0
2-Butanone (MEK)	Ave	0.1248	0.1603		257	200	28.4	50.0
cis-1,2-Dichloroethene	Ave	0.2333	0.2625		56.3	50.0	12.5	35.0
2,2-Dichloropropane	Lin1		0.3270		52.0	50.0	3.9	35.0
sec-Butyl Alcohol	Lin1		0.0323		1430	1200	19.2	50.0
Chlorobromomethane	Ave	0.1071	0.1155		53.9	50.0	7.8	35.0
Tetrahydrofuran	Ave	0.0844	0.1078		128	100	27.6	50.0
Chloroform	Ave	0.3594	0.4183		58.2	50.0	16.4	20.0
1,1,1-Trichloroethane	Ave	0.2959	0.3358		56.7	50.0	13.5	35.0
Cyclohexane	Ave	0.3733	0.4138		55.4	50.0	10.8	35.0
1,1-Dichloropropene	Ave	0.3034	0.3489		57.5	50.0	15.0	35.0
Carbon tetrachloride	Ave	0.2384	0.2705		56.7	50.0	13.5	35.0
Isobutyl alcohol	Lin1		0.0132		1530	1250	22.4	50.0
Benzene	Ave	0.9164	1.034		56.4	50.0	12.9	35.0
1,2-Dichloroethane	Ave	0.2856	0.3224		56.4	50.0	12.9	35.0
n-Heptane	Ave	0.2352	0.2717		57.8	50.0	15.5	50.0
Trichloroethene	Ave	0.9667	1.019		52.7	50.0	5.4	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 280-532734/2 Calibration Date: 04/16/2021 08:14  
 Instrument ID: VMS\_R1 Calib Start Date: 04/07/2021 17:08  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/07/2021 20:12  
 Lab File ID: R5089.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Pentanone	Lin1		0.2579		192	160	20.0	50.0
Methylcyclohexane	Lin2		0.3004		52.6	50.0	5.2	35.0
1,2-Dichloropropane	Ave	0.2292	0.2731		59.6	50.0	19.1	20.0
1,4-Dioxane	Lin2		0.0049		1190	1000	19.4	50.0
Dibromomethane	Ave	0.1410	0.1602		56.8	50.0	13.6	35.0
Dichlorobromomethane	Lin2		0.3160		56.3	50.0	12.6	35.0
2-Chloroethyl vinyl ether	Ave	0.1680	0.2006		59.7	50.0	19.4	50.0
cis-1,3-Dichloropropene	Ave	1.531	1.763		57.6	50.0	15.2	35.0
4-Methyl-2-pentanone (MIBK)	Lin1		0.3167		239	200	19.7	50.0
Toluene	Ave	0.9563	1.086		56.8	50.0	13.5	20.0
trans-1,3-Dichloropropene	Lin1		0.3826		53.6	50.0	7.1	35.0
Ethyl methacrylate	Lin1		1.572		53.1	50.0	6.2	35.0
1,1,2-Trichloroethane	Ave	0.2005	0.2326		58.0	50.0	16.0	35.0
Tetrachloroethene	Ave	0.7120	0.7239		50.8	50.0	1.7	35.0
1,3-Dichloropropane	Ave	1.622	1.801		55.5	50.0	11.0	35.0
2-Hexanone	Lin2		0.9430		239	200	19.6	50.0
Chlorodibromomethane	Lin1		0.9610		50.4	50.0	0.8	35.0
1,2-Dibromoethane	Ave	0.9443	1.018		53.9	50.0	7.8	35.0
1-Chlorohexane	Ave	1.377	1.309		38.0	40.0	-4.9	35.0
Chlorobenzene	Ave	2.680	2.846	0.3000	53.1	50.0	6.2	35.0
1,1,1,2-Tetrachloroethane	Lin2		0.9279		52.7	50.0	5.4	35.0
Ethylbenzene	Ave	1.462	1.541		52.7	50.0	5.4	20.0
m-Xylene & p-Xylene	Ave	1.768	1.887		53.3	50.0	6.7	35.0
o-Xylene	Ave	1.702	1.848		54.3	50.0	8.6	35.0
Styrene	Ave	2.949	3.257		55.2	50.0	10.4	35.0
Bromoform	Lin1		0.6284	0.1000	47.9	50.0	-4.1	35.0
Isopropylbenzene	Ave	2.770	2.995		54.1	50.0	8.1	35.0
Cyclohexanone	Lin1		0.0869		3280	2000	63.9*	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8637	0.9808	0.3000	56.8	50.0	13.6	35.0
Bromobenzene	Ave	0.6731	0.6926		51.5	50.0	2.9	35.0
trans-1,4-Dichloro-2-butene	Lin1		0.2561		50.0	50.0	-0.0	50.0
1,2,3-Trichloropropane	Lin2		0.2843		51.6	50.0	3.1	35.0
N-Propylbenzene	Ave	0.7616	0.8175		53.7	50.0	7.3	35.0
2-Chlorotoluene	Ave	0.6636	0.7080		53.3	50.0	6.7	35.0
1,3,5-Trimethylbenzene	Ave	2.266	2.506		55.3	50.0	10.6	35.0
4-Chlorotoluene	Ave	0.6886	0.7406		53.8	50.0	7.6	35.0
tert-Butylbenzene	Ave	1.921	2.054		53.5	50.0	6.9	35.0
1,2,4-Trimethylbenzene	Ave	2.334	2.600		55.7	50.0	11.4	35.0
sec-Butylbenzene	Lin2		0.5892		50.4	50.0	0.9	35.0
1,3-Dichlorobenzene	Ave	1.296	1.354		52.2	50.0	4.5	35.0
4-Isopropyltoluene	Ave	2.383	2.595		54.5	50.0	8.9	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 280-532734/2 Calibration Date: 04/16/2021 08:14  
 Instrument ID: VMS\_R1 Calib Start Date: 04/07/2021 17:08  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/07/2021 20:12  
 Lab File ID: R5089.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dichlorobenzene	Ave	1.346	1.397		51.9	50.0	3.8	35.0
n-Butylbenzene	Ave	2.122	2.367		55.8	50.0	11.6	35.0
1,2-Dichlorobenzene	Ave	1.245	1.319		52.9	50.0	5.9	35.0
1,2-Dibromo-3-Chloropropane	Lin1		0.2078		48.1	50.0	-3.8	50.0
1,2,4-Trichlorobenzene	Ave	0.7855	0.7989		50.9	50.0	1.7	35.0
Hexachlorobutadiene	Ave	0.2771	0.2708		48.9	50.0	-2.3	35.0
Naphthalene	Ave	2.540	2.773		54.6	50.0	9.2	35.0
1,2,3-Trichlorobenzene	Lin1		0.7476		48.5	50.0	-3.1	35.0
Dibromofluoromethane (Surr)	Ave	0.2315	0.2394		51.7	50.0	3.4	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2492	0.2612		52.4	50.0	4.8	35.0
Toluene-d8 (Surr)	Ave	4.231	4.173		49.3	50.0	-1.4	35.0
4-Bromofluorobenzene (Surr)	Ave	0.9830	1.011		51.4	50.0	2.8	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 280-533108/25 Calibration Date: 04/19/2021 22:22  
 Instrument ID: VMS\_R1 Calib Start Date: 04/19/2021 18:54  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/19/2021 21:58  
 Lab File ID: R5185.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		0.2977		50.4	50.0	0.7	55.0
Chloromethane	Lin1		0.3603	0.1000	50.5	50.0	1.1	35.0
Vinyl chloride	Lin1		0.3621		52.8	50.0	5.5	35.0
Bromomethane	Lin1		0.1710		53.9	50.0	7.8	35.0
Chloroethane	Lin1		0.2048		53.4	50.0	6.8	35.0
Dichlorofluoromethane	Ave	0.4885	0.4931		50.5	50.0	0.9	55.0
Trichlorofluoromethane	Ave	0.3811	0.3951		51.8	50.0	3.7	50.0
Ethyl ether	Ave	0.2450	0.2678		54.6	50.0	9.3	35.0
1,1,2-Trichlorotrifluoroethane	Ave	0.1606	0.1902		59.2	50.0	18.4	55.0
1,1-Dichloroethene	Ave	0.2300	0.2572		55.9	50.0	11.8	35.0
Acetone	Ave	0.1081	0.1133		210	200	4.8	55.0
Iodomethane	Ave	0.2294	0.2098		45.7	50.0	-8.5	35.0
Carbon disulfide	Ave	0.7690	0.8265		53.7	50.0	7.5	55.0
Methyl acetate	Ave	0.2582	0.2960		115	100	14.6	55.0
Allyl chloride	Ave	0.3870	0.4414		57.0	50.0	14.1	35.0
Methylene Chloride	Ave	0.3098	0.3036		49.0	50.0	-2.0	35.0
Tert-butyl alcohol (2-methyl-2-propanol)	Ave	0.0412	0.0431		523	500	4.6	55.0
Acrylonitrile	Ave	0.1527	0.1591		521	500	4.2	55.0
Methyl tert-butyl ether	Ave	0.8268	0.8770		53.0	50.0	6.1	35.0
trans-1,2-Dichloroethene	Ave	0.2762	0.2842		51.5	50.0	2.9	35.0
Hexane	Ave	1.232	1.364		55.4	50.0	10.7	35.0
Vinyl acetate	Ave	0.6552	0.6816		104	100	4.0	55.0
1,1-Dichloroethane	Ave	0.5141	0.5297	0.1000	51.5	50.0	3.0	35.0
2-Butanone (MEK)	Lin1		0.1959		215	200	7.4	55.0
cis-1,2-Dichloroethene	Ave	0.3104	0.3184		51.3	50.0	2.6	35.0
2,2-Dichloropropane	Ave	0.3589	0.3910		54.5	50.0	9.0	35.0
sec-Butyl Alcohol	Lin1		0.0404		1260	1200	4.8	55.0
Chlorobromomethane	Ave	0.1352	0.1373		50.8	50.0	1.6	35.0
Tetrahydrofuran	Ave	0.1256	0.1312		104	100	4.5	55.0
Chloroform	Ave	0.4817	0.5010		52.0	50.0	4.0	35.0
1,1,1-Trichloroethane	Ave	0.3967	0.4105		51.7	50.0	3.5	35.0
Cyclohexane	Ave	0.4969	0.5468		55.0	50.0	10.1	35.0
1,1-Dichloropropene	Ave	0.3992	0.4230		53.0	50.0	6.0	35.0
Carbon tetrachloride	Ave	0.3159	0.3382		53.5	50.0	7.1	35.0
Isobutyl alcohol	Lin2		0.0160		1310	1250	4.8	55.0
Benzene	Ave	1.218	1.268		52.1	50.0	4.1	35.0
1,2-Dichloroethane	Ave	0.3955	0.3858		48.8	50.0	-2.4	35.0
n-Heptane	Ave	0.3188	0.3337		52.3	50.0	4.6	50.0
Trichloroethene	Ave	0.9713	0.9523		49.0	50.0	-2.0	35.0
2-Pentanone	Ave	0.2857	0.3200		179	160	12.0	55.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 280-533108/25 Calibration Date: 04/19/2021 22:22  
 Instrument ID: VMS\_R1 Calib Start Date: 04/19/2021 18:54  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/19/2021 21:58  
 Lab File ID: R5185.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.3570	0.3850		53.9	50.0	7.9	35.0
1,2-Dichloropropane	Ave	0.3172	0.3273		51.6	50.0	3.2	35.0
1,4-Dioxane	Lin1		0.0056		1040	1000	3.7	55.0
Dibromomethane	Ave	0.1888	0.1911		50.6	50.0	1.2	35.0
Dichlorobromomethane	Ave	0.3453	0.3749		54.3	50.0	8.6	35.0
2-Chloroethyl vinyl ether	Ave	0.2329	0.2460		52.8	50.0	5.6	55.0
cis-1,3-Dichloropropene	Ave	1.540	1.581		51.3	50.0	2.7	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3510	0.4003		228	200	14.0	55.0
Toluene	Ave	1.281	1.310		51.2	50.0	2.3	35.0
trans-1,3-Dichloropropene	Ave	0.4263	0.4548		53.3	50.0	6.7	35.0
Ethyl methacrylate	Lin2		1.517		50.9	50.0	1.7	35.0
1,1,2-Trichloroethane	Ave	0.2716	0.2856		52.6	50.0	5.2	35.0
Tetrachloroethene	Ave	0.6826	0.6919		50.7	50.0	1.4	35.0
1,3-Dichloropropane	Ave	1.678	1.675		49.9	50.0	-0.1	35.0
2-Hexanone	Ave	0.8500	0.9493		223	200	11.7	55.0
Chlorodibromomethane	Ave	0.8336	0.8936		53.6	50.0	7.2	35.0
1,2-Dibromoethane	Ave	0.9483	0.9525		50.2	50.0	0.4	35.0
1-Chlorohexane	Ave	1.386	1.305		37.7	40.0	-5.8	35.0
Chlorobenzene	Ave	2.699	2.657	0.3000	49.2	50.0	-1.6	35.0
1,1,1,2-Tetrachloroethane	Ave	0.8294	0.8586		51.8	50.0	3.5	35.0
Ethylbenzene	Ave	1.438	1.448		50.3	50.0	0.7	35.0
m-Xylene & p-Xylene	Ave	1.754	1.775		50.6	50.0	1.2	35.0
o-Xylene	Ave	1.667	1.725		51.7	50.0	3.4	35.0
Styrene	Ave	2.890	3.030		52.4	50.0	4.8	35.0
Bromoform	Lin2		0.5913	0.1000	49.0	50.0	-2.0	35.0
Isopropylbenzene	Ave	2.643	2.696		51.0	50.0	2.0	35.0
Cyclohexanone	Lin2		0.0621		1740	2000	-13.1	35.0
1,1,2,2-Tetrachloroethane	Ave	0.8889	0.9040	0.3000	50.9	50.0	1.7	35.0
Bromobenzene	Ave	0.6385	0.6238		48.9	50.0	-2.3	35.0
trans-1,4-Dichloro-2-butene	Lin2		0.2530		49.9	50.0	-0.2	55.0
1,2,3-Trichloropropane	Ave	0.2564	0.2551		49.8	50.0	-0.5	35.0
N-Propylbenzene	Ave	0.7296	0.7355		50.4	50.0	0.8	35.0
2-Chlorotoluene	Ave	0.6371	0.6334		49.7	50.0	-0.6	35.0
1,3,5-Trimethylbenzene	Ave	2.177	2.241		51.5	50.0	3.0	35.0
4-Chlorotoluene	Ave	0.6625	0.6576		49.6	50.0	-0.7	35.0
tert-Butylbenzene	Ave	1.814	1.842		50.8	50.0	1.5	35.0
1,2,4-Trimethylbenzene	Ave	2.238	2.318		51.8	50.0	3.6	35.0
sec-Butylbenzene	Lin2		0.5279		47.3	50.0	-5.4	35.0
1,3-Dichlorobenzene	Ave	1.227	1.198		48.8	50.0	-2.3	35.0
4-Isopropyltoluene	Ave	2.237	2.316		51.8	50.0	3.6	35.0
1,4-Dichlorobenzene	Ave	1.269	1.239		48.8	50.0	-2.4	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 280-533108/25 Calibration Date: 04/19/2021 22:22  
 Instrument ID: VMS\_R1 Calib Start Date: 04/19/2021 18:54  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/19/2021 21:58  
 Lab File ID: R5185.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butylbenzene	Ave	2.021	2.074		51.3	50.0	2.6	35.0
1,2-Dichlorobenzene	Ave	1.192	1.169		49.1	50.0	-1.9	35.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1815		46.7	50.0	-6.6	55.0
1,2,4-Trichlorobenzene	Ave	0.7257	0.7195		49.6	50.0	-0.8	35.0
Hexachlorobutadiene	Lin2		0.2367		46.7	50.0	-6.6	35.0
Naphthalene	Ave	2.538	2.631		51.8	50.0	3.7	35.0
1,2,3-Trichlorobenzene	Ave	0.6857	0.6788		49.5	50.0	-1.0	35.0
Dibromofluoromethane (Surr)	Ave	0.2583	0.2600		50.3	50.0	0.7	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2711	0.2742		50.6	50.0	1.2	35.0
Toluene-d8 (Surr)	Ave	3.751	3.714		49.5	50.0	-1.0	35.0
4-Bromofluorobenzene (Surr)	Ave	1.008	0.998		49.5	50.0	-1.0	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 280-533147/2 Calibration Date: 04/20/2021 08:51  
 Instrument ID: VMS\_R1 Calib Start Date: 04/19/2021 18:54  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/19/2021 21:58  
 Lab File ID: R5187.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		0.2808		47.5	50.0	-5.0	50.0
Chloromethane	Lin1		0.3639	0.1000	51.0	50.0	2.1	35.0
Vinyl chloride	Lin1		0.3394		49.5	50.0	-1.1	20.0
Bromomethane	Lin1		0.1709		53.9	50.0	7.8	35.0
Chloroethane	Lin1		0.2039		53.1	50.0	6.3	35.0
Dichlorofluoromethane	Ave	0.4885	0.4767		48.8	50.0	-2.4	50.0
Trichlorofluoromethane	Ave	0.3811	0.3658		48.0	50.0	-4.0	50.0
Ethyl ether	Ave	0.2450	0.2596		53.0	50.0	5.9	35.0
Acrolein	Ave	0.0478	0.0466		482	494	-2.5	50.0
1,1,2-Trichlorotrifluoroethane	Ave	0.1606	0.1626		50.6	50.0	1.2	50.0
1,1-Dichloroethene	Ave	0.2300	0.2366		51.4	50.0	2.9	20.0
Acetone	Ave	0.1081	0.1030		191	200	-4.7	50.0
Iodomethane	Ave	0.2294	0.2211		48.2	50.0	-3.6	35.0
Carbon disulfide	Ave	0.7690	0.7638		49.7	50.0	-0.7	50.0
Methyl acetate	Ave	0.2582	0.2699		105	100	4.5	50.0
Allyl chloride	Ave	0.3870	0.4154		53.7	50.0	7.3	35.0
Methylene Chloride	Ave	0.3098	0.2988		48.2	50.0	-3.5	35.0
Tert-butyl alcohol (2-methyl-2-propanol)	Ave	0.0412	0.0413		502	500	0.3	50.0
Acrylonitrile	Ave	0.1527	0.1517		497	500	-0.6	50.0
Methyl tert-butyl ether	Ave	0.8268	0.8913		53.9	50.0	7.8	35.0
trans-1,2-Dichloroethene	Ave	0.2762	0.2737		49.6	50.0	-0.9	35.0
Hexane	Ave	1.232	1.220		49.5	50.0	-0.9	35.0
Vinyl acetate	Ave	0.6552	0.7455		114	100	13.8	50.0
1,1-Dichloroethane	Ave	0.5141	0.5280	0.1000	51.4	50.0	2.7	35.0
2-Butanone (MEK)	Lin1		0.1843		202	200	1.0	50.0
cis-1,2-Dichloroethene	Ave	0.3104	0.3188		51.3	50.0	2.7	35.0
2,2-Dichloropropane	Ave	0.3589	0.3962		55.2	50.0	10.4	35.0
sec-Butyl Alcohol	Lin1		0.0365		1130	1200	-5.5	50.0
Chlorobromomethane	Ave	0.1352	0.1401		51.8	50.0	3.6	35.0
Tetrahydrofuran	Ave	0.1256	0.1252		99.7	100	-0.3	50.0
Chloroform	Ave	0.4817	0.5017		52.1	50.0	4.2	20.0
1,1,1-Trichloroethane	Ave	0.3967	0.3998		50.4	50.0	0.8	35.0
Cyclohexane	Ave	0.4969	0.4937		49.7	50.0	-0.6	35.0
1,1-Dichloropropene	Ave	0.3992	0.4062		50.9	50.0	1.8	35.0
Carbon tetrachloride	Ave	0.3159	0.3221		51.0	50.0	2.0	35.0
Isobutyl alcohol	Lin2		0.0146		1200	1250	-3.9	50.0
Benzene	Ave	1.218	1.250		51.4	50.0	2.7	35.0
1,2-Dichloroethane	Ave	0.3955	0.3907		49.4	50.0	-1.2	35.0
n-Heptane	Ave	0.3188	0.3219		50.5	50.0	0.9	50.0
Trichloroethene	Ave	0.9713	0.9352		48.1	50.0	-3.7	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 280-533147/2 Calibration Date: 04/20/2021 08:51  
 Instrument ID: VMS\_R1 Calib Start Date: 04/19/2021 18:54  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/19/2021 21:58  
 Lab File ID: R5187.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Pentanone	Ave	0.2857	0.2997		168	160	4.9	50.0
Methylcyclohexane	Ave	0.3570	0.3562		49.9	50.0	-0.2	35.0
1,2-Dichloropropane	Ave	0.3172	0.3332		52.5	50.0	5.1	20.0
1,4-Dioxane	Lin1		0.0054		1010	1000	0.9	50.0
Dibromomethane	Ave	0.1888	0.1939		51.4	50.0	2.7	35.0
Dichlorobromomethane	Ave	0.3453	0.3889		56.3	50.0	12.6	35.0
2-Chloroethyl vinyl ether	Ave	0.2329	0.2406		51.6	50.0	3.3	50.0
cis-1,3-Dichloropropene	Ave	1.540	1.687		54.8	50.0	9.5	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3510	0.3825		218	200	9.0	50.0
Toluene	Ave	1.281	1.314		51.3	50.0	2.6	20.0
trans-1,3-Dichloropropene	Ave	0.4263	0.4793		56.2	50.0	12.4	35.0
Ethyl methacrylate	Lin2		1.502		50.3	50.0	0.7	35.0
1,1,2-Trichloroethane	Ave	0.2716	0.2888		53.2	50.0	6.3	35.0
Tetrachloroethene	Ave	0.6826	0.6516		47.7	50.0	-4.5	35.0
1,3-Dichloropropane	Ave	1.678	1.706		50.8	50.0	1.7	35.0
2-Hexanone	Ave	0.8500	0.8706		205	200	2.4	50.0
Chlorodibromomethane	Ave	0.8336	0.9137		54.8	50.0	9.6	35.0
1,2-Dibromoethane	Ave	0.9483	0.9689		51.1	50.0	2.2	35.0
1-Chlorohexane	Ave	1.386	1.226		35.4	40.0	-11.6	35.0
Chlorobenzene	Ave	2.699	2.671	0.3000	49.5	50.0	-1.1	35.0
1,1,1,2-Tetrachloroethane	Ave	0.8294	0.8980		54.1	50.0	8.3	35.0
Ethylbenzene	Ave	1.438	1.439		50.0	50.0	0.0	20.0
m-Xylene & p-Xylene	Ave	1.754	1.766		50.4	50.0	0.7	35.0
o-Xylene	Ave	1.667	1.743		52.3	50.0	4.5	35.0
Styrene	Ave	2.890	3.067		53.1	50.0	6.1	35.0
Bromoform	Lin2		0.6072	0.1000	50.3	50.0	0.6	35.0
Isopropylbenzene	Ave	2.643	2.678		50.7	50.0	1.3	35.0
Cyclohexanone	Lin2		0.0648		1810	2000	-9.4	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8889	0.8756	0.3000	49.3	50.0	-1.5	35.0
Bromobenzene	Ave	0.6385	0.6309		49.4	50.0	-1.2	35.0
trans-1,4-Dichloro-2-butene	Lin2		0.2440		48.1	50.0	-3.7	50.0
1,2,3-Trichloropropane	Ave	0.2564	0.2540		49.5	50.0	-0.9	35.0
N-Propylbenzene	Ave	0.7296	0.7309		50.1	50.0	0.2	35.0
2-Chlorotoluene	Ave	0.6371	0.6379		50.1	50.0	0.1	35.0
1,3,5-Trimethylbenzene	Ave	2.177	2.242		51.5	50.0	3.0	35.0
4-Chlorotoluene	Ave	0.6625	0.6771		51.1	50.0	2.2	35.0
tert-Butylbenzene	Ave	1.814	1.819		50.2	50.0	0.3	35.0
1,2,4-Trimethylbenzene	Ave	2.238	2.324		51.9	50.0	3.9	35.0
sec-Butylbenzene	Lin2		0.5228		46.8	50.0	-6.3	35.0
1,3-Dichlorobenzene	Ave	1.227	1.216		49.6	50.0	-0.9	35.0
4-Isopropyltoluene	Ave	2.237	2.316		51.8	50.0	3.5	35.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 280-533147/2 Calibration Date: 04/20/2021 08:51  
 Instrument ID: VMS\_R1 Calib Start Date: 04/19/2021 18:54  
 GC Column: DB-624 (60.25) ID: 0.25 (mm) Calib End Date: 04/19/2021 21:58  
 Lab File ID: R5187.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dichlorobenzene	Ave	1.269	1.261		49.7	50.0	-0.6	35.0
n-Butylbenzene	Ave	2.021	2.104		52.0	50.0	4.1	35.0
1,2-Dichlorobenzene	Ave	1.192	1.193		50.1	50.0	0.1	35.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1849		47.6	50.0	-4.8	50.0
1,2,4-Trichlorobenzene	Ave	0.7257	0.7236		49.9	50.0	-0.3	35.0
Hexachlorobutadiene	Lin2		0.2399		47.3	50.0	-5.4	35.0
Naphthalene	Ave	2.538	2.520		49.7	50.0	-0.7	35.0
1,2,3-Trichlorobenzene	Ave	0.6857	0.6812		49.7	50.0	-0.7	35.0
Dibromofluoromethane (Surr)	Ave	0.2583	0.2597		50.3	50.0	0.6	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2711	0.2703		49.9	50.0	-0.3	35.0
Toluene-d8 (Surr)	Ave	3.751	3.675		49.0	50.0	-2.0	35.0
4-Bromofluorobenzene (Surr)	Ave	1.008	0.997		49.5	50.0	-1.1	35.0

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 280-532734/10  
 Matrix: Water Lab File ID: R5094.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/16/2021 10:10  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 532734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
75-34-3	1,1-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.13
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.13
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.16
123-91-1	1,4-Dioxane	ND		200	19
591-78-6	2-Hexanone	ND		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98
67-64-1	Acetone	ND		10	1.9
71-43-2	Benzene	ND		1.0	0.16
75-25-2	Bromoform	ND		1.0	0.46
74-83-9	Bromomethane	ND		2.0	0.21
75-15-0	Carbon disulfide	ND		2.0	0.17
56-23-5	Carbon tetrachloride	ND		1.0	0.19
108-90-7	Chlorobenzene	ND		1.0	0.17
74-97-5	Chlorobromomethane	ND		1.0	0.10
124-48-1	Chlorodibromomethane	ND		1.0	0.17
75-00-3	Chloroethane	ND		2.0	0.41
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		2.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.16
75-27-4	Dichlorobromomethane	ND		1.0	0.17
75-71-8	Dichlorodifluoromethane	ND		2.0	0.31
100-41-4	Ethylbenzene	ND		1.0	0.16
98-82-8	Isopropylbenzene	ND		1.0	0.19
75-09-2	Methylene Chloride	ND		2.0	0.94
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.15
95-47-6	o-Xylene	ND		1.0	0.19
100-42-5	Styrene	ND		1.0	0.36

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 280-532734/10  
 Matrix: Water Lab File ID: R5094.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/16/2021 10:10  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 532734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.20
108-88-3	Toluene	ND		1.0	0.17
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		3.0	0.19
79-01-6	Trichloroethene	ND		1.0	0.16
75-69-4	Trichlorofluoromethane	ND		2.0	0.29
75-01-4	Vinyl chloride	ND		1.0	0.10
78-93-3	2-Butanone (MEK)	ND		6.0	2.0
106-93-4	1,2-Dibromoethane	ND		1.0	0.18
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		3.0	0.18
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		2.0	0.28
79-20-9	Methyl acetate	ND		5.0	1.6
108-87-2	Methylcyclohexane	ND		1.0	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-127
460-00-4	4-Bromofluorobenzene (Surr)	102		78-120
2037-26-5	Toluene-d8 (Surr)	98		80-125
1868-53-7	Dibromofluoromethane (Surr)	104		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 280-533147/10  
 Matrix: Water Lab File ID: R5194.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/20/2021 11:32  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533147 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
75-34-3	1,1-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.13
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.13
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.16
123-91-1	1,4-Dioxane	ND		200	19
591-78-6	2-Hexanone	ND		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98
67-64-1	Acetone	ND		10	1.9
71-43-2	Benzene	ND		1.0	0.16
75-25-2	Bromoform	ND		1.0	0.46
74-83-9	Bromomethane	ND		2.0	0.21
75-15-0	Carbon disulfide	ND		2.0	0.17
56-23-5	Carbon tetrachloride	ND		1.0	0.19
108-90-7	Chlorobenzene	ND		1.0	0.17
74-97-5	Chlorobromomethane	ND		1.0	0.10
124-48-1	Chlorodibromomethane	ND		1.0	0.17
75-00-3	Chloroethane	ND		2.0	0.41
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		2.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.16
75-27-4	Dichlorobromomethane	ND		1.0	0.17
75-71-8	Dichlorodifluoromethane	ND		2.0	0.31
100-41-4	Ethylbenzene	ND		1.0	0.16
98-82-8	Isopropylbenzene	ND		1.0	0.19
75-09-2	Methylene Chloride	ND		2.0	0.94
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.15
95-47-6	o-Xylene	ND		1.0	0.19
100-42-5	Styrene	ND		1.0	0.36

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 280-533147/10  
 Matrix: Water Lab File ID: R5194.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/20/2021 11:32  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533147 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.20
108-88-3	Toluene	ND		1.0	0.17
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		3.0	0.19
79-01-6	Trichloroethene	ND		1.0	0.16
75-69-4	Trichlorofluoromethane	ND		2.0	0.29
75-01-4	Vinyl chloride	ND		1.0	0.10
78-93-3	2-Butanone (MEK)	ND		6.0	2.0
106-93-4	1,2-Dibromoethane	ND		1.0	0.18
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		3.0	0.18
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		2.0	0.28
79-20-9	Methyl acetate	ND		5.0	1.6
108-87-2	Methylcyclohexane	ND		1.0	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-127
460-00-4	4-Bromofluorobenzene (Surr)	99		78-120
2037-26-5	Toluene-d8 (Surr)	95		80-125
1868-53-7	Dibromofluoromethane (Surr)	103		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 280-533423/9  
 Matrix: Water Lab File ID: P3417.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 00:01  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
75-34-3	1,1-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.13
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.13
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.16
123-91-1	1,4-Dioxane	ND		200	19
591-78-6	2-Hexanone	ND		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98
67-64-1	Acetone	ND		10	1.9
71-43-2	Benzene	ND		1.0	0.16
75-25-2	Bromoform	ND		1.0	0.46
74-83-9	Bromomethane	ND		2.0	0.21
75-15-0	Carbon disulfide	ND		2.0	0.17
56-23-5	Carbon tetrachloride	ND		1.0	0.19
108-90-7	Chlorobenzene	ND		1.0	0.17
74-97-5	Chlorobromomethane	ND		1.0	0.10
124-48-1	Chlorodibromomethane	ND		1.0	0.17
75-00-3	Chloroethane	ND		2.0	0.41
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		2.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.16
75-27-4	Dichlorobromomethane	ND		1.0	0.17
75-71-8	Dichlorodifluoromethane	ND		2.0	0.31
100-41-4	Ethylbenzene	ND		1.0	0.16
98-82-8	Isopropylbenzene	ND		1.0	0.19
75-09-2	Methylene Chloride	ND		2.0	0.94
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.15
95-47-6	o-Xylene	ND		1.0	0.19
100-42-5	Styrene	ND		1.0	0.36

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 280-533423/9  
 Matrix: Water Lab File ID: P3417.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 00:01  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.20
108-88-3	Toluene	ND		1.0	0.17
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		3.0	0.19
79-01-6	Trichloroethene	ND		1.0	0.16
75-69-4	Trichlorofluoromethane	ND		2.0	0.29
75-01-4	Vinyl chloride	ND		1.0	0.10
78-93-3	2-Butanone (MEK)	ND		6.0	2.0
106-93-4	1,2-Dibromoethane	ND		1.0	0.18
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		3.0	0.18
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		2.0	0.28
79-20-9	Methyl acetate	ND		5.0	1.6
108-87-2	Methylcyclohexane	ND		1.0	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-127
460-00-4	4-Bromofluorobenzene (Surr)	100		78-120
2037-26-5	Toluene-d8 (Surr)	101		80-125
1868-53-7	Dibromofluoromethane (Surr)	98		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 280-532734/5  
 Matrix: Water Lab File ID: R5091.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/16/2021 09:00  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 532734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	28.3		1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	27.0		1.0	0.21
79-00-5	1,1,2-Trichloroethane	29.3		1.0	0.27
75-34-3	1,1-Dichloroethane	29.9		1.0	0.22
75-35-4	1,1-Dichloroethene	28.3		1.0	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	23.3		5.0	0.47
95-50-1	1,2-Dichlorobenzene	25.9		1.0	0.15
107-06-2	1,2-Dichloroethane	29.0		1.0	0.13
78-87-5	1,2-Dichloropropane	30.0		1.0	0.18
541-73-1	1,3-Dichlorobenzene	25.6		1.0	0.13
106-46-7	1,4-Dichlorobenzene	25.1		1.0	0.16
123-91-1	1,4-Dioxane	615		200	19
591-78-6	2-Hexanone	118		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	118		5.0	0.98
67-64-1	Acetone	122		10	1.9
71-43-2	Benzene	28.5		1.0	0.16
75-25-2	Bromoform	23.3		1.0	0.46
74-83-9	Bromomethane	21.3		2.0	0.21
75-15-0	Carbon disulfide	26.4		2.0	0.17
56-23-5	Carbon tetrachloride	27.7		1.0	0.19
108-90-7	Chlorobenzene	26.4		1.0	0.17
74-97-5	Chlorobromomethane	28.1		1.0	0.10
124-48-1	Chlorodibromomethane	24.6		1.0	0.17
75-00-3	Chloroethane	26.9		2.0	0.41
67-66-3	Chloroform	29.4		1.0	0.16
74-87-3	Chloromethane	23.0		2.0	0.30
156-59-2	cis-1,2-Dichloroethene	28.3		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	27.5		1.0	0.16
75-27-4	Dichlorobromomethane	28.0		1.0	0.17
75-71-8	Dichlorodifluoromethane	22.6		2.0	0.31
100-41-4	Ethylbenzene	26.2		1.0	0.16
98-82-8	Isopropylbenzene	26.6		1.0	0.19
75-09-2	Methylene Chloride	27.6		2.0	0.94
179601-23-1	m-Xylene & p-Xylene	26.7		2.0	0.15
95-47-6	o-Xylene	27.1		1.0	0.19
100-42-5	Styrene	27.5		1.0	0.36

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 280-532734/5  
 Matrix: Water Lab File ID: R5091.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/16/2021 09:00  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 532734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	25.0		1.0	0.20
108-88-3	Toluene	28.4		1.0	0.17
156-60-5	trans-1,2-Dichloroethene	29.2		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	25.7		3.0	0.19
79-01-6	Trichloroethene	26.6		1.0	0.16
75-69-4	Trichlorofluoromethane	24.8		2.0	0.29
75-01-4	Vinyl chloride	25.3		1.0	0.10
78-93-3	2-Butanone (MEK)	129		6.0	2.0
106-93-4	1,2-Dibromoethane	27.2		1.0	0.18
1634-04-4	Methyl tert-butyl ether	29.6		5.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	26.7		3.0	0.18
87-61-6	1,2,3-Trichlorobenzene	23.8		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	24.5		1.0	0.21
110-82-7	Cyclohexane	28.1		2.0	0.28
79-20-9	Methyl acetate	63.1		5.0	1.6
108-87-2	Methylcyclohexane	26.3		1.0	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-127
460-00-4	4-Bromofluorobenzene (Surr)	103		78-120
2037-26-5	Toluene-d8 (Surr)	98		80-125
1868-53-7	Dibromofluoromethane (Surr)	104		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 280-533147/5  
 Matrix: Water Lab File ID: R5189.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/20/2021 09:37  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533147 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	25.7		1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	24.7		1.0	0.21
79-00-5	1,1,2-Trichloroethane	26.2		1.0	0.27
75-34-3	1,1-Dichloroethane	26.3		1.0	0.22
75-35-4	1,1-Dichloroethene	26.1		1.0	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	23.8		5.0	0.47
95-50-1	1,2-Dichlorobenzene	24.6		1.0	0.15
107-06-2	1,2-Dichloroethane	24.6		1.0	0.13
78-87-5	1,2-Dichloropropane	26.3		1.0	0.18
541-73-1	1,3-Dichlorobenzene	24.3		1.0	0.13
106-46-7	1,4-Dichlorobenzene	24.1		1.0	0.16
123-91-1	1,4-Dioxane	560		200	19
591-78-6	2-Hexanone	110		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	116		5.0	0.98
67-64-1	Acetone	102		10	1.9
71-43-2	Benzene	25.9		1.0	0.16
75-25-2	Bromoform	23.8		1.0	0.46
74-83-9	Bromomethane	27.7		2.0	0.21
75-15-0	Carbon disulfide	24.9		2.0	0.17
56-23-5	Carbon tetrachloride	25.7		1.0	0.19
108-90-7	Chlorobenzene	24.7		1.0	0.17
74-97-5	Chlorobromomethane	26.5		1.0	0.10
124-48-1	Chlorodibromomethane	26.3		1.0	0.17
75-00-3	Chloroethane	26.8		2.0	0.41
67-66-3	Chloroform	26.4		1.0	0.16
74-87-3	Chloromethane	25.4		2.0	0.30
156-59-2	cis-1,2-Dichloroethene	25.7		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	26.0		1.0	0.16
75-27-4	Dichlorobromomethane	27.2		1.0	0.17
75-71-8	Dichlorodifluoromethane	22.8		2.0	0.31
100-41-4	Ethylbenzene	25.2		1.0	0.16
98-82-8	Isopropylbenzene	25.0		1.0	0.19
75-09-2	Methylene Chloride	24.5		2.0	0.94
179601-23-1	m-Xylene & p-Xylene	25.1		2.0	0.15
95-47-6	o-Xylene	25.9		1.0	0.19
100-42-5	Styrene	26.1		1.0	0.36

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 280-533147/5  
 Matrix: Water Lab File ID: R5189.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/20/2021 09:37  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533147 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	24.7		1.0	0.20
108-88-3	Toluene	25.7		1.0	0.17
156-60-5	trans-1,2-Dichloroethene	25.3		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	26.7		3.0	0.19
79-01-6	Trichloroethene	24.5		1.0	0.16
75-69-4	Trichlorofluoromethane	24.1		2.0	0.29
75-01-4	Vinyl chloride	24.8		1.0	0.10
78-93-3	2-Butanone (MEK)	108		6.0	2.0
106-93-4	1,2-Dibromoethane	25.3		1.0	0.18
1634-04-4	Methyl tert-butyl ether	26.7		5.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	25.7		3.0	0.18
87-61-6	1,2,3-Trichlorobenzene	25.0		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	24.9		1.0	0.21
110-82-7	Cyclohexane	24.9		2.0	0.28
79-20-9	Methyl acetate	54.8		5.0	1.6
108-87-2	Methylcyclohexane	24.9		1.0	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-127
460-00-4	4-Bromofluorobenzene (Surr)	99		78-120
2037-26-5	Toluene-d8 (Surr)	99		80-125
1868-53-7	Dibromofluoromethane (Surr)	103		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 280-533423/4  
 Matrix: Water Lab File ID: P3412.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/21/2021 22:06  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	26.5		1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	25.3		1.0	0.21
79-00-5	1,1,2-Trichloroethane	26.2		1.0	0.27
75-34-3	1,1-Dichloroethane	26.0		1.0	0.22
75-35-4	1,1-Dichloroethene	25.7		1.0	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	25.7		5.0	0.47
95-50-1	1,2-Dichlorobenzene	26.3		1.0	0.15
107-06-2	1,2-Dichloroethane	24.0		1.0	0.13
78-87-5	1,2-Dichloropropane	25.1		1.0	0.18
541-73-1	1,3-Dichlorobenzene	26.7		1.0	0.13
106-46-7	1,4-Dichlorobenzene	26.1		1.0	0.16
123-91-1	1,4-Dioxane	567		200	19
591-78-6	2-Hexanone	109		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	108		5.0	0.98
67-64-1	Acetone	107		10	1.9
71-43-2	Benzene	26.1		1.0	0.16
75-25-2	Bromoform	24.3		1.0	0.46
74-83-9	Bromomethane	24.8		2.0	0.21
75-15-0	Carbon disulfide	25.5		2.0	0.17
56-23-5	Carbon tetrachloride	25.1		1.0	0.19
108-90-7	Chlorobenzene	26.1		1.0	0.17
74-97-5	Chlorobromomethane	27.2		1.0	0.10
124-48-1	Chlorodibromomethane	25.0		1.0	0.17
75-00-3	Chloroethane	26.0		2.0	0.41
67-66-3	Chloroform	25.6		1.0	0.16
74-87-3	Chloromethane	22.0		2.0	0.30
156-59-2	cis-1,2-Dichloroethene	25.5		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	25.5		1.0	0.16
75-27-4	Dichlorobromomethane	26.3		1.0	0.17
75-71-8	Dichlorodifluoromethane	26.4		2.0	0.31
100-41-4	Ethylbenzene	27.0		1.0	0.16
98-82-8	Isopropylbenzene	26.4		1.0	0.19
75-09-2	Methylene Chloride	24.1		2.0	0.94
179601-23-1	m-Xylene & p-Xylene	26.7		2.0	0.15
95-47-6	o-Xylene	26.6		1.0	0.19
100-42-5	Styrene	27.5		1.0	0.36

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 280-533423/4  
 Matrix: Water Lab File ID: P3412.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/21/2021 22:06  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	27.8		1.0	0.20
108-88-3	Toluene	25.8		1.0	0.17
156-60-5	trans-1,2-Dichloroethene	27.6		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	26.8		3.0	0.19
79-01-6	Trichloroethene	26.2		1.0	0.16
75-69-4	Trichlorofluoromethane	26.0		2.0	0.29
75-01-4	Vinyl chloride	24.7		1.0	0.10
78-93-3	2-Butanone (MEK)	102		6.0	2.0
106-93-4	1,2-Dibromoethane	26.3		1.0	0.18
1634-04-4	Methyl tert-butyl ether	25.6		5.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	26.6		3.0	0.18
87-61-6	1,2,3-Trichlorobenzene	27.2		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	27.9		1.0	0.21
110-82-7	Cyclohexane	25.5		2.0	0.28
79-20-9	Methyl acetate	50.8		5.0	1.6
108-87-2	Methylcyclohexane	26.2		1.0	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-127
460-00-4	4-Bromofluorobenzene (Surr)	94		78-120
2037-26-5	Toluene-d8 (Surr)	100		80-125
1868-53-7	Dibromofluoromethane (Surr)	100		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 280-532734/6  
 Matrix: Water Lab File ID: R5092.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/16/2021 09:23  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 532734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	28.0		1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	26.5		1.0	0.21
79-00-5	1,1,2-Trichloroethane	29.4		1.0	0.27
75-34-3	1,1-Dichloroethane	29.7		1.0	0.22
75-35-4	1,1-Dichloroethene	28.0		1.0	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	22.5		5.0	0.47
95-50-1	1,2-Dichlorobenzene	25.8		1.0	0.15
107-06-2	1,2-Dichloroethane	28.7		1.0	0.13
78-87-5	1,2-Dichloropropane	29.8		1.0	0.18
541-73-1	1,3-Dichlorobenzene	25.6		1.0	0.13
106-46-7	1,4-Dichlorobenzene	25.1		1.0	0.16
123-91-1	1,4-Dioxane	612		200	19
591-78-6	2-Hexanone	115		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	115		5.0	0.98
67-64-1	Acetone	118		10	1.9
71-43-2	Benzene	28.2		1.0	0.16
75-25-2	Bromoform	23.1		1.0	0.46
74-83-9	Bromomethane	22.8		2.0	0.21
75-15-0	Carbon disulfide	26.3		2.0	0.17
56-23-5	Carbon tetrachloride	27.6		1.0	0.19
108-90-7	Chlorobenzene	26.1		1.0	0.17
74-97-5	Chlorobromomethane	27.9		1.0	0.10
124-48-1	Chlorodibromomethane	24.2		1.0	0.17
75-00-3	Chloroethane	28.4		2.0	0.41
67-66-3	Chloroform	29.0		1.0	0.16
74-87-3	Chloromethane	23.7		2.0	0.30
156-59-2	cis-1,2-Dichloroethene	28.1		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	27.1		1.0	0.16
75-27-4	Dichlorobromomethane	27.6		1.0	0.17
75-71-8	Dichlorodifluoromethane	25.2		2.0	0.31
100-41-4	Ethylbenzene	25.9		1.0	0.16
98-82-8	Isopropylbenzene	26.3		1.0	0.19
75-09-2	Methylene Chloride	27.2		2.0	0.94
179601-23-1	m-Xylene & p-Xylene	26.4		2.0	0.15
95-47-6	o-Xylene	26.8		1.0	0.19
100-42-5	Styrene	27.2		1.0	0.36

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 280-532734/6  
 Matrix: Water Lab File ID: R5092.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/16/2021 09:23  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 532734 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	24.6		1.0	0.20
108-88-3	Toluene	28.0		1.0	0.17
156-60-5	trans-1,2-Dichloroethene	28.8		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	25.6		3.0	0.19
79-01-6	Trichloroethene	26.8		1.0	0.16
75-69-4	Trichlorofluoromethane	27.5		2.0	0.29
75-01-4	Vinyl chloride	27.0		1.0	0.10
78-93-3	2-Butanone (MEK)	127		6.0	2.0
106-93-4	1,2-Dibromoethane	26.9		1.0	0.18
1634-04-4	Methyl tert-butyl ether	29.4		5.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	26.0		3.0	0.18
87-61-6	1,2,3-Trichlorobenzene	23.6		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	24.5		1.0	0.21
110-82-7	Cyclohexane	27.5		2.0	0.28
79-20-9	Methyl acetate	61.4		5.0	1.6
108-87-2	Methylcyclohexane	25.8		1.0	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-127
460-00-4	4-Bromofluorobenzene (Surr)	103		78-120
2037-26-5	Toluene-d8 (Surr)	98		80-125
1868-53-7	Dibromofluoromethane (Surr)	104		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 280-533147/6  
 Matrix: Water Lab File ID: R5190.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/20/2021 10:00  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533147 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	24.7		1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	23.0		1.0	0.21
79-00-5	1,1,2-Trichloroethane	25.6		1.0	0.27
75-34-3	1,1-Dichloroethane	26.1		1.0	0.22
75-35-4	1,1-Dichloroethene	25.3		1.0	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	21.8		5.0	0.47
95-50-1	1,2-Dichlorobenzene	23.0		1.0	0.15
107-06-2	1,2-Dichloroethane	24.5		1.0	0.13
78-87-5	1,2-Dichloropropane	25.3		1.0	0.18
541-73-1	1,3-Dichlorobenzene	23.1		1.0	0.13
106-46-7	1,4-Dichlorobenzene	23.1		1.0	0.16
123-91-1	1,4-Dioxane	534		200	19
591-78-6	2-Hexanone	103		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	111		5.0	0.98
67-64-1	Acetone	101		10	1.9
71-43-2	Benzene	25.5		1.0	0.16
75-25-2	Bromoform	22.8		1.0	0.46
74-83-9	Bromomethane	28.4		2.0	0.21
75-15-0	Carbon disulfide	24.4		2.0	0.17
56-23-5	Carbon tetrachloride	24.9		1.0	0.19
108-90-7	Chlorobenzene	23.7		1.0	0.17
74-97-5	Chlorobromomethane	26.5		1.0	0.10
124-48-1	Chlorodibromomethane	25.3		1.0	0.17
75-00-3	Chloroethane	27.1		2.0	0.41
67-66-3	Chloroform	25.7		1.0	0.16
74-87-3	Chloromethane	25.2		2.0	0.30
156-59-2	cis-1,2-Dichloroethene	25.3		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	25.0		1.0	0.16
75-27-4	Dichlorobromomethane	26.8		1.0	0.17
75-71-8	Dichlorodifluoromethane	24.5		2.0	0.31
100-41-4	Ethylbenzene	23.7		1.0	0.16
98-82-8	Isopropylbenzene	23.8		1.0	0.19
75-09-2	Methylene Chloride	24.1		2.0	0.94
179601-23-1	m-Xylene & p-Xylene	24.1		2.0	0.15
95-47-6	o-Xylene	24.7		1.0	0.19
100-42-5	Styrene	25.0		1.0	0.36

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 280-533147/6  
 Matrix: Water Lab File ID: R5190.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/20/2021 10:00  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533147 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	23.3		1.0	0.20
108-88-3	Toluene	25.1		1.0	0.17
156-60-5	trans-1,2-Dichloroethene	24.6		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	26.2		3.0	0.19
79-01-6	Trichloroethene	23.3		1.0	0.16
75-69-4	Trichlorofluoromethane	25.3		2.0	0.29
75-01-4	Vinyl chloride	25.3		1.0	0.10
78-93-3	2-Butanone (MEK)	106		6.0	2.0
106-93-4	1,2-Dibromoethane	24.7		1.0	0.18
1634-04-4	Methyl tert-butyl ether	26.6		5.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	25.3		3.0	0.18
87-61-6	1,2,3-Trichlorobenzene	23.5		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	23.3		1.0	0.21
110-82-7	Cyclohexane	24.9		2.0	0.28
79-20-9	Methyl acetate	54.3		5.0	1.6
108-87-2	Methylcyclohexane	24.9		1.0	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-127
460-00-4	4-Bromofluorobenzene (Surr)	99		78-120
2037-26-5	Toluene-d8 (Surr)	97		80-125
1868-53-7	Dibromofluoromethane (Surr)	103		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 280-533423/5  
 Matrix: Water Lab File ID: P3413.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/21/2021 22:29  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	26.1		1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	25.4		1.0	0.21
79-00-5	1,1,2-Trichloroethane	26.0		1.0	0.27
75-34-3	1,1-Dichloroethane	25.2		1.0	0.22
75-35-4	1,1-Dichloroethene	23.5		1.0	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	26.0		5.0	0.47
95-50-1	1,2-Dichlorobenzene	26.3		1.0	0.15
107-06-2	1,2-Dichloroethane	23.7		1.0	0.13
78-87-5	1,2-Dichloropropane	24.5		1.0	0.18
541-73-1	1,3-Dichlorobenzene	26.5		1.0	0.13
106-46-7	1,4-Dichlorobenzene	25.2		1.0	0.16
123-91-1	1,4-Dioxane	548		200	19
591-78-6	2-Hexanone	106		5.0	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	107		5.0	0.98
67-64-1	Acetone	100		10	1.9
71-43-2	Benzene	25.3		1.0	0.16
75-25-2	Bromoform	24.2		1.0	0.46
74-83-9	Bromomethane	24.0		2.0	0.21
75-15-0	Carbon disulfide	24.9		2.0	0.17
56-23-5	Carbon tetrachloride	24.1		1.0	0.19
108-90-7	Chlorobenzene	25.2		1.0	0.17
74-97-5	Chlorobromomethane	27.0		1.0	0.10
124-48-1	Chlorodibromomethane	24.4		1.0	0.17
75-00-3	Chloroethane	24.7		2.0	0.41
67-66-3	Chloroform	24.8		1.0	0.16
74-87-3	Chloromethane	21.1		2.0	0.30
156-59-2	cis-1,2-Dichloroethene	24.7		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	25.3		1.0	0.16
75-27-4	Dichlorobromomethane	26.1		1.0	0.17
75-71-8	Dichlorodifluoromethane	24.9		2.0	0.31
100-41-4	Ethylbenzene	25.9		1.0	0.16
98-82-8	Isopropylbenzene	25.6		1.0	0.19
75-09-2	Methylene Chloride	23.6		2.0	0.94
179601-23-1	m-Xylene & p-Xylene	26.2		2.0	0.15
95-47-6	o-Xylene	26.3		1.0	0.19
100-42-5	Styrene	26.6		1.0	0.36

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 280-533423/5  
 Matrix: Water Lab File ID: P3413.D  
 Analysis Method: 8260B Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/21/2021 22:29  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	27.1		1.0	0.20
108-88-3	Toluene	25.3		1.0	0.17
156-60-5	trans-1,2-Dichloroethene	25.9		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	26.3		3.0	0.19
79-01-6	Trichloroethene	25.0		1.0	0.16
75-69-4	Trichlorofluoromethane	25.0		2.0	0.29
75-01-4	Vinyl chloride	23.7		1.0	0.10
78-93-3	2-Butanone (MEK)	98.8		6.0	2.0
106-93-4	1,2-Dibromoethane	25.9		1.0	0.18
1634-04-4	Methyl tert-butyl ether	25.7		5.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	25.2		3.0	0.18
87-61-6	1,2,3-Trichlorobenzene	27.6		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	28.0		1.0	0.21
110-82-7	Cyclohexane	24.5		2.0	0.28
79-20-9	Methyl acetate	48.9		5.0	1.6
108-87-2	Methylcyclohexane	24.7		1.0	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-127
460-00-4	4-Bromofluorobenzene (Surr)	96		78-120
2037-26-5	Toluene-d8 (Surr)	100		80-125
1868-53-7	Dibromofluoromethane (Surr)	100		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW7 MS Lab Sample ID: 280-147236-7 MS  
 Matrix: Water Lab File ID: P3432.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 11:36  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 05:47  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2000  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	55800		2000	320
79-34-5	1,1,2,2-Tetrachloroethane	50700		2000	420
79-00-5	1,1,2-Trichloroethane	53000		2000	540
75-34-3	1,1-Dichloroethane	53300		2000	440
75-35-4	1,1-Dichloroethene	54800		2000	460
96-12-8	1,2-Dibromo-3-Chloropropane	48500		10000	940
95-50-1	1,2-Dichlorobenzene	53000		2000	300
107-06-2	1,2-Dichloroethane	49800		2000	260
78-87-5	1,2-Dichloropropane	51200		2000	360
541-73-1	1,3-Dichlorobenzene	54400		2000	260
106-46-7	1,4-Dichlorobenzene	51900		2000	320
123-91-1	1,4-Dioxane	1080000		400000	39000
591-78-6	2-Hexanone	207000		10000	3400
108-10-1	4-Methyl-2-pentanone (MIBK)	208000		10000	2000
67-64-1	Acetone	185000		20000	3800
71-43-2	Benzene	53400		2000	320
75-25-2	Bromoform	47300		2000	920
74-83-9	Bromomethane	26600		4000	420
75-15-0	Carbon disulfide	53400		4000	330
56-23-5	Carbon tetrachloride	51800		2000	380
108-90-7	Chlorobenzene	52300		2000	340
74-97-5	Chlorobromomethane	56000		2000	200
124-48-1	Chlorodibromomethane	48700		2000	340
75-00-3	Chloroethane	48400		4000	820
67-66-3	Chloroform	52100		2000	320
74-87-3	Chloromethane	39700		4000	600
156-59-2	cis-1,2-Dichloroethene	58200		2000	300
10061-01-5	cis-1,3-Dichloropropene	49500		2000	320
75-27-4	Dichlorobromomethane	53600		2000	340
75-71-8	Dichlorodifluoromethane	48400		4000	620
100-41-4	Ethylbenzene	54800		2000	320
98-82-8	Isopropylbenzene	53800		2000	380
75-09-2	Methylene Chloride	49700		4000	1900
179601-23-1	m-Xylene & p-Xylene	55000		4000	310
95-47-6	o-Xylene	54000		2000	380
100-42-5	Styrene	55200		2000	710

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW7 MS Lab Sample ID: 280-147236-7 MS  
 Matrix: Water Lab File ID: P3432.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 11:36  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 05:47  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2000  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	60500		2000	400
108-88-3	Toluene	53100		2000	340
156-60-5	trans-1,2-Dichloroethene	55600		2000	300
10061-02-6	trans-1,3-Dichloropropene	50800		6000	380
79-01-6	Trichloroethene	343000		2000	320
75-69-4	Trichlorofluoromethane	48300		4000	580
75-01-4	Vinyl chloride	45300		2000	200
78-93-3	2-Butanone (MEK)	195000		12000	4000
106-93-4	1,2-Dibromoethane	52000		2000	360
1634-04-4	Methyl tert-butyl ether	52000		10000	500
76-13-1	1,1,2-Trichlorotrifluoroethane	55200		6000	360
87-61-6	1,2,3-Trichlorobenzene	54900		2000	420
120-82-1	1,2,4-Trichlorobenzene	54200		2000	420
110-82-7	Cyclohexane	54900		4000	560
79-20-9	Methyl acetate	95400		10000	3300
108-87-2	Methylcyclohexane	53000		2000	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-127
460-00-4	4-Bromofluorobenzene (Surr)	94		78-120
2037-26-5	Toluene-d8 (Surr)	100		80-125
1868-53-7	Dibromofluoromethane (Surr)	99		77-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW7 MSD Lab Sample ID: 280-147236-7 MSD  
 Matrix: Water Lab File ID: P3433.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 11:36  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 06:10  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2000  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	53600		2000	320
79-34-5	1,1,2,2-Tetrachloroethane	48900		2000	420
79-00-5	1,1,2-Trichloroethane	52500		2000	540
75-34-3	1,1-Dichloroethane	51400		2000	440
75-35-4	1,1-Dichloroethene	52100		2000	460
96-12-8	1,2-Dibromo-3-Chloropropane	47100		10000	940
95-50-1	1,2-Dichlorobenzene	51200		2000	300
107-06-2	1,2-Dichloroethane	47100		2000	260
78-87-5	1,2-Dichloropropane	49500		2000	360
541-73-1	1,3-Dichlorobenzene	51200		2000	260
106-46-7	1,4-Dichlorobenzene	49900		2000	320
123-91-1	1,4-Dioxane	1060000		400000	39000
591-78-6	2-Hexanone	201000		10000	3400
108-10-1	4-Methyl-2-pentanone (MIBK)	204000		10000	2000
67-64-1	Acetone	183000		20000	3800
71-43-2	Benzene	51100		2000	320
75-25-2	Bromoform	46700		2000	920
74-83-9	Bromomethane	30500		4000	420
75-15-0	Carbon disulfide	51200		4000	330
56-23-5	Carbon tetrachloride	50500		2000	380
108-90-7	Chlorobenzene	50700		2000	340
74-97-5	Chlorobromomethane	53800		2000	200
124-48-1	Chlorodibromomethane	46800		2000	340
75-00-3	Chloroethane	45300		4000	820
67-66-3	Chloroform	49800		2000	320
74-87-3	Chloromethane	39200		4000	600
156-59-2	cis-1,2-Dichloroethene	55700		2000	300
10061-01-5	cis-1,3-Dichloropropene	48300		2000	320
75-27-4	Dichlorobromomethane	52400		2000	340
75-71-8	Dichlorodifluoromethane	45000		4000	620
100-41-4	Ethylbenzene	51700		2000	320
98-82-8	Isopropylbenzene	51200		2000	380
75-09-2	Methylene Chloride	47900		4000	1900
179601-23-1	m-Xylene & p-Xylene	52500		4000	310
95-47-6	o-Xylene	52000		2000	380
100-42-5	Styrene	53000		2000	710

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: F0069-GW-MW7 MSD Lab Sample ID: 280-147236-7 MSD  
 Matrix: Water Lab File ID: P3433.D  
 Analysis Method: 8260B Date Collected: 04/08/2021 11:36  
 Sample wt/vol: 5 (mL) Date Analyzed: 04/22/2021 06:10  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2000  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 (60.25) ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 533423 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	57300		2000	400
108-88-3	Toluene	51300		2000	340
156-60-5	trans-1,2-Dichloroethene	54100		2000	300
10061-02-6	trans-1,3-Dichloropropene	50800		6000	380
79-01-6	Trichloroethene	325000		2000	320
75-69-4	Trichlorofluoromethane	45400		4000	580
75-01-4	Vinyl chloride	43600		2000	200
78-93-3	2-Butanone (MEK)	186000		12000	4000
106-93-4	1,2-Dibromoethane	52000		2000	360
1634-04-4	Methyl tert-butyl ether	50300		10000	500
76-13-1	1,1,2-Trichlorotrifluoroethane	52300		6000	360
87-61-6	1,2,3-Trichlorobenzene	54000		2000	420
120-82-1	1,2,4-Trichlorobenzene	54300		2000	420
110-82-7	Cyclohexane	52300		4000	560
79-20-9	Methyl acetate	94900		10000	3300
108-87-2	Methylcyclohexane	50300		2000	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-127
460-00-4	4-Bromofluorobenzene (Surr)	95		78-120
2037-26-5	Toluene-d8 (Surr)	99		80-125
1868-53-7	Dibromofluoromethane (Surr)	101		77-120

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, DenverJob No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_PStart Date: 02/23/2021 10:08Analysis Batch Number: 527052End Date: 02/23/2021 21:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 280-527052/1		02/23/2021 10:08	1	P1320.D	DB-624 (60.25) 0.25 (mm)
STD005 280-527052/13 IC		02/23/2021 11:21	1	P1323.D	DB-624 (60.25) 0.25 (mm)
STD010 280-527052/14 IC		02/23/2021 11:44	1	P1324.D	DB-624 (60.25) 0.25 (mm)
STD020 280-527052/15 IC		02/23/2021 12:07	1	P1325.D	DB-624 (60.25) 0.25 (mm)
STD050 280-527052/16 IC		02/23/2021 12:31	1	P1326.D	DB-624 (60.25) 0.25 (mm)
STD10 280-527052/17 IC		02/23/2021 12:54	1	P1327.D	DB-624 (60.25) 0.25 (mm)
ICIS 280-527052/18		02/23/2021 13:17	1	P1328.D	DB-624 (60.25) 0.25 (mm)
STD100 280-527052/20 IC		02/23/2021 14:03	1	P1330.D	DB-624 (60.25) 0.25 (mm)
STD200 280-527052/21 IC		02/23/2021 14:26	1	P1331.D	DB-624 (60.25) 0.25 (mm)
STD75 280-527052/19 IC		02/23/2021 15:12	1	P1333.D	DB-624 (60.25) 0.25 (mm)
STD010 280-527052/23 IC		02/23/2021 15:58	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		02/23/2021 15:58	1		DB-624 (60.25) 0.25 (mm)
STD020 280-527052/24 IC		02/23/2021 16:22	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		02/23/2021 16:22	1		DB-624 (60.25) 0.25 (mm)
STD050 280-527052/25 IC		02/23/2021 16:45	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		02/23/2021 16:45	1		DB-624 (60.25) 0.25 (mm)
STD10 280-527052/26 IC		02/23/2021 17:08	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		02/23/2021 17:08	1		DB-624 (60.25) 0.25 (mm)
STD50 280-527052/27 IC		02/23/2021 17:31	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		02/23/2021 17:31	1		DB-624 (60.25) 0.25 (mm)
STD100 280-527052/29 IC		02/23/2021 18:17	7		DB-624 (60.25) 0.25 (mm)
ZZZZZ		02/23/2021 18:17	7		DB-624 (60.25) 0.25 (mm)
STD200 280-527052/30 IC		02/23/2021 18:40	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		02/23/2021 18:40	1		DB-624 (60.25) 0.25 (mm)
ICV 280-527052/37		02/23/2021 19:26	1		DB-624 (60.25) 0.25 (mm)
ICV 280-527052/31		02/23/2021 19:49	1	P1345.D	DB-624 (60.25) 0.25 (mm)
280-144763-A-3 MDLV		02/23/2021 20:12	1		DB-624 (60.25) 0.25 (mm)
280-144763-A-3 MDLV		02/23/2021 20:35	1		DB-624 (60.25) 0.25 (mm)
280-144763-A-3 MDLV		02/23/2021 20:58	1		DB-624 (60.25) 0.25 (mm)
280-144763-A-3 MDLV		02/23/2021 21:22	1		DB-624 (60.25) 0.25 (mm)
280-144763-A-3 MDLV		02/23/2021 21:45	1		DB-624 (60.25) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_P Start Date: 04/09/2021 09:01

Analysis Batch Number: 531966 End Date: 04/09/2021 19:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 280-531966/1		04/09/2021 09:01	1	P2865.D	DB-624 (60.25) 0.25 (mm)
CCV 280-531966/3		04/09/2021 09:33	1		DB-624 (60.25) 0.25 (mm)
CCV 280-531966/4		04/09/2021 09:56	1		DB-624 (60.25) 0.25 (mm)
STD005 280-531966/17 IC		04/09/2021 10:19	1	P2868.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 10:19	1		DB-624 (60.25) 0.25 (mm)
STD010 280-531966/18 IC		04/09/2021 10:42	1	P2869.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 10:42	1		DB-624 (60.25) 0.25 (mm)
STD020 280-531966/19 IC		04/09/2021 11:05	1	P2870.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 11:05	1		DB-624 (60.25) 0.25 (mm)
STD050 280-531966/20 IC		04/09/2021 11:28	1	P2871.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 11:28	1		DB-624 (60.25) 0.25 (mm)
STD10 280-531966/21 IC		04/09/2021 11:51	1	P2872.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 11:51	1		DB-624 (60.25) 0.25 (mm)
ICIS 280-531966/22		04/09/2021 12:14	1	P2873.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 12:14	1		DB-624 (60.25) 0.25 (mm)
STD75 280-531966/23 IC		04/09/2021 12:37	1	P2874.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 12:37	1		DB-624 (60.25) 0.25 (mm)
STD100 280-531966/24 IC		04/09/2021 13:00	1	P2875.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 13:00	1		DB-624 (60.25) 0.25 (mm)
STD200 280-531966/25 IC		04/09/2021 13:23	1	P2876.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 13:23	1		DB-624 (60.25) 0.25 (mm)
ICV 280-531966/26		04/09/2021 14:09	1	P2878.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 14:31	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 14:54	1		DB-624 (60.25) 0.25 (mm)
ICV 280-531966/27		04/09/2021 15:17	1	P2881.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 15:40	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 16:03	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 16:26	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 16:49	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 17:35	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 17:58	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 18:20	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 18:43	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 19:06	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 19:29	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 19:52	1		DB-624 (60.25) 0.25 (mm)

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Denver

Job No.: 280-147236-1

SDG No.:

Instrument ID: VMS\_P

Start Date: 04/21/2021 20:56

Analysis Batch Number: 533423

End Date: 04/22/2021 07:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 280-533423/1		04/21/2021 20:56	1	P3409.D	DB-624 (60.25) 0.25 (mm)
CCV 280-533423/2		04/21/2021 21:20	1	P3410.D	DB-624 (60.25) 0.25 (mm)
CCV 280-533423/3		04/21/2021 21:43	1		DB-624 (60.25) 0.25 (mm)
LCS 280-533423/4		04/21/2021 22:06	1	P3412.D	DB-624 (60.25) 0.25 (mm)
LCSD 280-533423/5		04/21/2021 22:29	1	P3413.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/21/2021 22:51	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/21/2021 23:14	1		DB-624 (60.25) 0.25 (mm)
MB 280-533423/9		04/22/2021 00:01	1	P3417.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/22/2021 00:24	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/22/2021 00:47	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/22/2021 01:10	4		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/22/2021 01:33	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/22/2021 01:56	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/22/2021 02:19	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/22/2021 02:42	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/22/2021 03:05	2		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/22/2021 03:29	20		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/22/2021 03:52	2		DB-624 (60.25) 0.25 (mm)
280-147236-4	F0069-GW-MW10	04/22/2021 04:15	1	P3428.D	DB-624 (60.25) 0.25 (mm)
280-147236-5	F0069-GW-MW14	04/22/2021 04:38	2000	P3429.D	DB-624 (60.25) 0.25 (mm)
280-147236-6	F0069-GW-MW14-DUP	04/22/2021 05:01	2000	P3430.D	DB-624 (60.25) 0.25 (mm)
280-147236-7	F0069-GW-MW7	04/22/2021 05:24	2000	P3431.D	DB-624 (60.25) 0.25 (mm)
280-147236-7 MS	F0069-GW-MW7 MS	04/22/2021 05:47	2000	P3432.D	DB-624 (60.25) 0.25 (mm)
280-147236-7 MSD	F0069-GW-MW7 MSD	04/22/2021 06:10	2000	P3433.D	DB-624 (60.25) 0.25 (mm)
280-147236-8	F0069-GW-MW6	04/22/2021 06:33	1000	P3434.D	DB-624 (60.25) 0.25 (mm)
280-147236-9	F0069-GW-MW4	04/22/2021 06:57	200	P3435.D	DB-624 (60.25) 0.25 (mm)
280-147236-10	F0069-GW-MW1	04/22/2021 07:20	50	P3436.D	DB-624 (60.25) 0.25 (mm)
280-147236-11	F0069-GW-DW1	04/22/2021 07:44	2	P3437.D	DB-624 (60.25) 0.25 (mm)

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 Start Date: 12/30/2020 19:36Analysis Batch Number: 522238 End Date: 12/31/2020 01:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 280-522238/1		12/30/2020 19:36	1	R2287.D	DB-624 (60.25) 0.25 (mm)
IC 280-522238/14		12/30/2020 19:59	1	R2288.D	DB-624 (60.25) 0.25 (mm)
IC 280-522238/15		12/30/2020 20:23	1	R2289.D	DB-624 (60.25) 0.25 (mm)
IC 280-522238/16		12/30/2020 20:46	1	R2290.D	DB-624 (60.25) 0.25 (mm)
IC 280-522238/17		12/30/2020 21:09	1	R2291.D	DB-624 (60.25) 0.25 (mm)
IC 280-522238/18		12/30/2020 21:32	1	R2292.D	DB-624 (60.25) 0.25 (mm)
IC 280-522238/19		12/30/2020 21:55	1	R2293.D	DB-624 (60.25) 0.25 (mm)
IC 280-522238/20		12/30/2020 22:18	1	R2294.D	DB-624 (60.25) 0.25 (mm)
IC 280-522238/21		12/30/2020 22:41	1	R2295.D	DB-624 (60.25) 0.25 (mm)
ICV 280-522238/22		12/30/2020 23:04	1	R2296.D	DB-624 (60.25) 0.25 (mm)
280-141775-A-9 MDLV		12/30/2020 23:50	1		DB-624 (60.25) 0.25 (mm)
280-141775-A-9 MDLV		12/31/2020 00:13	1		DB-624 (60.25) 0.25 (mm)
280-141775-A-9 MDLV		12/31/2020 00:37	1		DB-624 (60.25) 0.25 (mm)
280-141775-A-9 MDLV		12/31/2020 01:00	1		DB-624 (60.25) 0.25 (mm)
280-141775-A-9 MDLV		12/31/2020 01:23	1		DB-624 (60.25) 0.25 (mm)

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 Start Date: 04/07/2021 16:45Analysis Batch Number: 531788 End Date: 04/07/2021 20:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 280-531788/1		04/07/2021 16:45	1	R4709.D	DB-624 (60.25) 0.25 (mm)
IC 280-531788/13		04/07/2021 17:08	1	R4710.D	DB-624 (60.25) 0.25 (mm)
IC 280-531788/14		04/07/2021 17:31	1	R4711.D	DB-624 (60.25) 0.25 (mm)
IC 280-531788/15		04/07/2021 17:53	1	R4712.D	DB-624 (60.25) 0.25 (mm)
ICIS 280-531788/16		04/07/2021 18:17	1	R4713.D	DB-624 (60.25) 0.25 (mm)
IC 280-531788/17		04/07/2021 18:40	1	R4714.D	DB-624 (60.25) 0.25 (mm)
IC 280-531788/18		04/07/2021 19:03	1	R4715.D	DB-624 (60.25) 0.25 (mm)
IC 280-531788/19		04/07/2021 19:26	1	R4716.D	DB-624 (60.25) 0.25 (mm)
IC 280-531788/20		04/07/2021 19:49	1	R4717.D	DB-624 (60.25) 0.25 (mm)
IC 280-531788/21		04/07/2021 20:12	1	R4718.D	DB-624 (60.25) 0.25 (mm)
ICV 280-531788/22		04/07/2021 20:35	1		DB-624 (60.25) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 Start Date: 04/09/2021 05:57

Analysis Batch Number: 531946 End Date: 04/09/2021 17:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 280-531946/1		04/09/2021 05:57	1	R4770.D	DB-624 (60.25) 0.25 (mm)
ICV 280-531946/28		04/09/2021 06:53	1	R4772.D	DB-624 (60.25) 0.25 (mm)
CCV 280-531946/3		04/09/2021 07:16	1		DB-624 (60.25) 0.25 (mm)
CCV 280-531946/2		04/09/2021 07:39	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 08:02	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 08:26	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 09:12	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 09:36	10		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 09:59	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 10:22	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 10:46	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 11:09	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 11:32	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 11:55	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 12:18	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 12:42	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 13:05	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 13:28	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 13:51	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 14:15	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 14:38	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 15:01	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 15:24	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 15:47	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 16:11	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 16:34	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/09/2021 16:57	1		DB-624 (60.25) 0.25 (mm)
CCVC 280-531946/49		04/09/2021 17:20	1		DB-624 (60.25) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 Start Date: 04/16/2021 07:50

Analysis Batch Number: 532734 End Date: 04/16/2021 18:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 280-532734/1		04/16/2021 07:50	1	R5088.D	DB-624 (60.25) 0.25 (mm)
CCV 280-532734/2		04/16/2021 08:14	1	R5089.D	DB-624 (60.25) 0.25 (mm)
CCV 280-532734/3		04/16/2021 08:37	1		DB-624 (60.25) 0.25 (mm)
LCS 280-532734/5		04/16/2021 09:00	1	R5091.D	DB-624 (60.25) 0.25 (mm)
LCSD 280-532734/6		04/16/2021 09:23	1	R5092.D	DB-624 (60.25) 0.25 (mm)
MB 280-532734/10		04/16/2021 10:10	1	R5094.D	DB-624 (60.25) 0.25 (mm)
280-147236-1	F0069-TB02	04/16/2021 10:33	1	R5095.D	DB-624 (60.25) 0.25 (mm)
280-147236-2	F0069-EB02	04/16/2021 10:56	1	R5096.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 11:20	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 11:43	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 12:06	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 12:30	10		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 13:00	10		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 13:23	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 13:46	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 14:09	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 14:32	1000		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 14:55	1000		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 15:19	4		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 15:43	4		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 16:06	500		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 16:29	4		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 16:53	200		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 17:17	100		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 17:41	20		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/16/2021 18:05	20		DB-624 (60.25) 0.25 (mm)

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 Start Date: 04/19/2021 18:30Analysis Batch Number: 533108 End Date: 04/19/2021 22:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 280-533108/1		04/19/2021 18:30	1		DB-624 (60.25) 0.25 (mm)
IC 280-533108/14		04/19/2021 18:54	1	R5176.D	DB-624 (60.25) 0.25 (mm)
IC 280-533108/17		04/19/2021 19:17	1	R5177.D	DB-624 (60.25) 0.25 (mm)
IC 280-533108/18		04/19/2021 19:40	1	R5178.D	DB-624 (60.25) 0.25 (mm)
ICIS 280-533108/19		04/19/2021 20:03	1	R5179.D	DB-624 (60.25) 0.25 (mm)
IC 280-533108/20		04/19/2021 20:26	1	R5180.D	DB-624 (60.25) 0.25 (mm)
IC 280-533108/21		04/19/2021 20:49	1	R5181.D	DB-624 (60.25) 0.25 (mm)
IC 280-533108/22		04/19/2021 21:12	1	R5182.D	DB-624 (60.25) 0.25 (mm)
IC 280-533108/23		04/19/2021 21:35	1	R5183.D	DB-624 (60.25) 0.25 (mm)
IC 280-533108/24		04/19/2021 21:58	1	R5184.D	DB-624 (60.25) 0.25 (mm)
ICV 280-533108/25		04/19/2021 22:22	1	R5185.D	DB-624 (60.25) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Instrument ID: VMS\_R1 Start Date: 04/20/2021 08:21

Analysis Batch Number: 533147 End Date: 04/20/2021 17:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 280-533147/1		04/20/2021 08:21	1	R5186.D	DB-624 (60.25) 0.25 (mm)
CCV 280-533147/2		04/20/2021 08:51	1	R5187.D	DB-624 (60.25) 0.25 (mm)
CCV 280-533147/3		04/20/2021 09:14	1		DB-624 (60.25) 0.25 (mm)
LCS 280-533147/5		04/20/2021 09:37	1	R5189.D	DB-624 (60.25) 0.25 (mm)
LCSD 280-533147/6		04/20/2021 10:00	1	R5190.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 10:23	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 10:46	1		DB-624 (60.25) 0.25 (mm)
MB 280-533147/10		04/20/2021 11:32	1	R5194.D	DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 11:56	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 12:20	20		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 12:43	50		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 13:06	2000		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 13:52	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 14:15	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 14:38	2		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 15:02	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 15:25	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 15:48	2		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 16:11	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 16:34	2		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 16:57	1		DB-624 (60.25) 0.25 (mm)
ZZZZZ		04/20/2021 17:21	2		DB-624 (60.25) 0.25 (mm)
280-147236-3	F0069-GW-MW2	04/20/2021 17:44	20	R5210.D	DB-624 (60.25) 0.25 (mm)

Sequence Name: C:\MSDCHEM\1\DATA\041621.am.s

Comment:

Operator: wickhamt

Data Path: C:\MSDCHEM\1\DATA\041621.am

Instrument Control Pre-Seq Cmd:

Data Analysis Pre-Seq Cmd:

Instrument Control Post-Seq Cmd:

Data Analysis Post-Seq Cmd:

Method Sections To Run

- Full Method
- Reprocessing Only

Sequence Barcode Options

- On Mismatch, Inject Anyway
- On Mismatch, Don't Inject
- Barcode Disabled

Eurofins TestAmerica Denver

Instrument ID: R1

SOP: DV-MS-0010 Rev. 26

Method: (524 / 624 / 8260B / 8260C)

Purge Volume (20mL / 5mL)

Matrix: ((Water) / Soil / Waste)

Tune Time: 07:50 - 18:05

TALs Batch: 532734

Line	Sample Name/Misc Info
1) Sample	100 R5083 BFB bfb
2) Sample	1 R5084 8260 blank
3) Sample	2 R5085 8260 ccv m
4) Sample	3 R5086 8260 ccv s
5) Sample	4 R5087 8260 ccv m
6) Sample	100 R5088 BFB bfb
7) Sample	1 R5089 8260 ccv m
8) Sample	2 R5090 8260 ccv s
9) Sample	3 R5091 8260 lcs
10) Sample	4 R5092 8260 lcsd
11) Sample	5 R5093 8260 blank
12) Sample	6 R5094 8260 mb
13) Sample	7 R5095 8260 280-147236-A-1 1x ph<2
14) Sample	8 R5096 8260 280-147236-C-2 1x ph<2
15) Sample	9 R5097 8260 280-147162-B-1 1x ph<2
16) Sample	10 R5098 8260 280-147162-B-5 1x ph<2
17) Sample	11 R5099 8260 280-147162-A-10 1x ph<2
18) Sample	12 R5100 8260 280-147162-A-2 10x ph<2 E, RRE 20x
19) Sample	13 R5101 8260 280-147162-A-3 10x ph<2 E, RRE 50x
20) Sample	14 R5102 8260 280-147162-A-4 1x ph<2 carry over? RRE 1x
21) Sample	15 R5103 8260 280-147162-A-6 1x ph<2
22) Sample	16 R5104 8260 280-147162-A-7 1x ph<2
23) Sample	17 R5105 8260 280-147162-A-8 1000x ph<2
24) Sample	18 R5106 8260 280-147162-C-9 1000x ph<2 E, RRE 2000x
25) Sample	19 R5107 8260 280-147162-B-11 4x ph<2
26) Sample	20 R5108 8260 280-147162-B-12 4x ph<2
27) Sample	21 R5109 8260 280-147236-C-3 500x ph<2 RRE 20x
28) Sample	22 R5110 8260 280-147226-B-13 4x ph<2
29) Sample	23 R5111 8260 280-146971-F-2 200x ph=8
30) Sample	24 R5112 8260 280-146971-H-3 100x ph=7
31) Sample	25 R5113 8260 280-147121-F-4 20x ph=7
32) Sample	26 R5114 8260 280-147121-F-5 20x ph=8

4-14-21  
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RS 4-16-21

Eurofins Environment Testing America  
Worklist Report

Worklist Name: 041621am                      Worklist Number: 100627  
 Instrument Name: VMS\_R1                      Chrom Method: AQ\_VMSR1\_8260  
 Purge Volume: 5.000                          Units: mL  
 Analysis Type: VOA  
 Batch Directory: \\chromfs\Denver\ChromData\VMS\_R1\20210416-100627.b  
 Upload Directory: \\CorpTALSAPP16\280-DN-RawData\Organics\MS\VMS\_R1  
 Run Reagent: mv-IS\_SS\_00017                      Amount Added: 5.000, Units: uL

Smp #	Lims ID	Smp Type	Dil Fact	Fract	Initial Vol/Wt	Vol/Wt Units	Sample Reagents	pH	Comment
1	# 1 BFB	BFB	1.000	voaWater	2.000	uL	mv-Cent BFB_00003		
2	# 2 CCV	CCV	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00048		
3	# 3 CCV	CCV	1.000	voaWater	5.000	mL	MV-Supp A_00051 mv-Cent IS_00006		
4	# 4 ccv	CCV	1.000	voaWater	5.000	mL	MV-MegaMainA_00048		
5	# 5 LCS	LCS	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00048		
6	# 6 LCSD	LCSD	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00048		
7	# 7 LCS	LCS	1.000	voaWater	5.000	mL	MV-Supp A_00051		
8	# 8 LCSD	LCSD	1.000	voaWater	5.000	mL	MV-Supp A_00051		
9	# 9 RINSE	Client	1.000	voaWater	5.000	mL			
10	#10 MB	MB	1.000	voaWater	5.000	mL			
11	#11 280-141475-A-1	Client	1.000	voaWater	5.000	mL			
12	#12 280-141475-A-2	Client	1.000	voaWater	5.000	mL			
13	#13 280-141475-A-3	Client	1.000	voaWater	5.000	mL			
14	#14 280-147236-A-1	Client	1.000	voaWater	5.000	mL			
15	#15 280-147236-C-2	Client	1.000	voaWater	5.000	mL			
16	#16 280-147162-B-1	Client	1.000	voaWater	5.000	mL			
17	#17 280-147162-B-5	Client	1.000	voaWater	5.000	mL			
18	#18 280-147162-A-10	Client	1.000	voaWater	5.000	mL			
19	#19 280-147162-A-2	Client	10.00	voaWater	5.000	mL			
20	#20 280-147162-A-3	Client	10.00	voaWater	5.000	mL			
21	#21 280-147162-A-4	Client	1.000	voaWater	5.000	mL			
22	#22 280-147162-A-6	Client	1.000	voaWater	5.000	mL			
23	#23 280-147162-A-7	Client	1.000	voaWater	5.000	mL			
24	#24 280-147162-A-8	Client	1000.0	voaWater	5.000	mL			
25	#25 280-147162-C-9	Client	1000.0	voaWater	5.000	mL			
26	#26 280-147162-B-11	Client	4.000	voaWater	5.000	mL			
27	#27 280-147162-B-12	Client	4.000	voaWater	5.000	mL			
28	#28 280-147236-C-3	Client	500.0	voaWater	5.000	mL			
29	#29 280-147226-B-13	Client	4.000	voaWater	5.000	mL			
30	#30 280-146971-F-2	Client	200.0	voaWater	5.000	mL			
31	#31 280-146971-H-3	Client	100.0	voaWater	5.000	mL			
32	#32 280-147121-F-4	Client	20.00	voaWater	5.000	mL			
33	#33 280-147121-F-5	Client	20.00	voaWater	5.000	mL			
34	#34 Samp 34	Client	1.000	voaWater	5.000	mL			

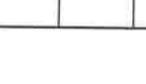
Eurofins Environment Testing America  
Worklist Report

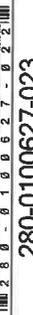
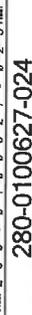
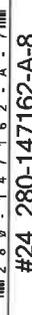
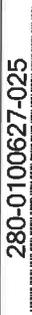
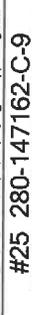
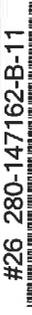
Worklist Name: 041621am  
 Instrument Name: VMS\_R1  
 Purge Volume: 5.000  
 Analysis Type: VOA  
 Batch Directory: \\chromfs\Denver\ChromData\VMS\_R1\20210416-100627.b  
 Upload Directory: \\CorpTALSAPP16\280-DN-RawData\Organics\MMS\VMS\_R1  
 Run Reagent: mv-IS\_SS\_00017  
 Batch #: 532734, 532735, 532736

Worklist Number: 100627

Chrom Method: AQ\_VMSR1\_8260  
Units: mL

Amount Added: 5.000, Units: uL

Worklist ID	Lims ID	Sample Reagents	Smp Type	Fract	Initial Vol/Wt	Vol/Wt Units	Dil Fact
280-0100627-001	# 1 BFB 	mv-Cent BFB_00003	BFB	voaWater	2.000	uL	1.000
280-0100627-002	# 2 CCV 	MV-Gas A_00085 MV-MegaMainA_00048	CCV	voaWater	5.000	mL	1.000
280-0100627-003	# 3 CCV 	MV-Supp A_00051 mv-Cent IS_00006	CCV	voaWater	5.000	mL	1.000
280-0100627-004	# 4 ccv 	MV-MegaMainA_00048	CCV	voaWater	5.000	mL	1.000
280-0100627-005	# 5 LCS 	MV-Gas A_00085 MV-MegaMainA_00048	LCS	voaWater	5.000	mL	1.000
280-0100627-006	# 6 LCSD 	MV-Gas A_00085 MV-MegaMainA_00048	LCSD	voaWater	5.000	mL	1.000
280-0100627-007	# 7 LCS 	MV-Supp A_00051	LCS	voaWater	5.000	mL	1.000
280-0100627-008	# 8 LCSD 	MV-Supp A_00051	LCSD	voaWater	5.000	mL	1.000
280-0100627-009	# 9 RINSE 		Client	voaWater	5.000	mL	1.000
280-0100627-010	#10 MB 		MB	voaWater	5.000	mL	1.000
280-0100627-011	#11 280-141475-A-1 		Client	voaWater	5.000	mL	1.000
280-0100627-012	#12 280-141475-A-2 		Client	voaWater	5.000	mL	1.000
280-0100627-013	#13 280-141475-A-3 		Client	voaWater	5.000	mL	1.000

Worklist ID	Lims ID	Sample Reagents	Smp Type	Fract	Initial Vol/Wt	Vol/Wt Units	Dil Fact
280-0100627-014 	#14 280-147236-A-1 		Client	voaWater	5.000	mL	1.000
280-0100627-015 	#15 280-147236-C-2 		Client	voaWater	5.000	mL	1.000
280-0100627-016 	#16 280-147162-B-1 		Client	voaWater	5.000	mL	1.000
280-0100627-017 	#17 280-147162-B-5 		Client	voaWater	5.000	mL	1.000
280-0100627-018 	#18 280-147162-A-10 		Client	voaWater	5.000	mL	1.000
280-0100627-019 	#19 280-147162-A-2 		Client	voaWater	5.000	mL	10.00
280-0100627-020 	#20 280-147162-A-3 		Client	voaWater	5.000	mL	10.00
280-0100627-021 	#21 280-147162-A-4 		Client	voaWater	5.000	mL	1.000
280-0100627-022 	#22 280-147162-A-6 		Client	voaWater	5.000	mL	1.000
280-0100627-023 	#23 280-147162-A-7 		Client	voaWater	5.000	mL	1.000
280-0100627-024 	#24 280-147162-A-8 		Client	voaWater	5.000	mL	1000.0
280-0100627-025 	#25 280-147162-C-9 		Client	voaWater	5.000	mL	1000.0
280-0100627-026 	#26 280-147162-B-11 		Client	voaWater	5.000	mL	4.000
280-0100627-027 	#27 280-147162-B-12 		Client	voaWater	5.000	mL	4.000
280-0100627-028 	#28 280-147236-C-3 		Client	voaWater	5.000	mL	500.0
280-0100627-029 	#29 280-147226-B-13 		Client	voaWater	5.000	mL	4.000
280-0100627-030 	#30 280-146971-F-2 		Client	voaWater	5.000	mL	200.0
280-0100627-031 	#31 280-146971-H-3 		Client	voaWater	5.000	mL	100.0

Worklist ID	Lims ID	Sample Reagents	Smp Type	Fract	Initial Vol/Wt	Vol/Wt Units	Dil Fact
280-0100627-032 	#32 280-147121-F-4 		Client	voaWater	5.000	mL	20.00
280-0100627-033 	#33 280-147121-F-5 		Client	voaWater	5.000	mL	20.00
280-0100627-034 	#34 Samp 34  S.A.M.P. 3-4		Client	voaWater	5.000	mL	1.000

den\_msvoa\_totalbacklog Gabe 4/16/2021 9:20:55 AM Assigned to: Wickham, Tom A

Sample	Client Sample ID	Container	Method	Analytical Method	Hold Time	Due	PM	State Code	Storage	Hazard Level
280-147162-1 IX	F0069-TB01		8260B	8260B	04/21 23:59	04/26/21	DTB	AR	VS-9	Unconfirmed
280-147162-2 IUX	F0069-GW-MW3		8260B	8260B	04/20 23:59	04/26/21	DTB	AR	VS-9	Unconfirmed
280-147162-3 IUX	F0069-GW-MW3-D UP		8260B	8260B	04/20 23:59	04/26/21	DTB	AR	VS-9	Unconfirmed
280-147162-4 IX	F0069-GW-MW5		8260B	8260B	04/20 23:59	04/26/21	DTB	AR	VS-9	Unconfirmed
280-147162-5 IX	F0069-EB01		8260B	8260B	04/21 23:59	04/26/21	DTB	AR	VS-9	Unconfirmed
280-147162-6 IX	F0069-GW-MW16		8260B	8260B	04/21 23:59	04/26/21	DTB	AR	VS-9	Unconfirmed
280-147162-7 IX	F0069-GW-MW20		8260B	8260B	04/21 23:59	04/26/21	DTB	AR	VS-9	Unconfirmed
280-147162-8 IUX	F0069-GW-MW13		8260B	8260B	04/21 23:59	04/26/21	DTB	AR	VS-9	Unconfirmed
280-147162-9 IUX	F0069-GW-MW12		8260B	8260B	04/21 23:59	04/26/21	DTB	AR	VS-9	Unconfirmed
280-147162-10 IX	F0069-FB01		8260B	8260B	04/21 23:59	04/26/21	DTB	AR	VS-9	Unconfirmed
280-147162-11 IX	F0069-GW-MW15		8260B	8260B	04/21 23:59	04/26/21	DTB	AR	VS-9	Unconfirmed
280-147162-12 IX	F0069-GW-MW11		8260B	8260B	04/21 23:59	04/26/21	DTB	AR	VS-9	Unconfirmed
280-147236-1 IX	F0069-TB02		8260B	8260B	04/22 23:59	04/27/21	DTB	AR	VS-11	Unconfirmed
280-147236-2 IX	F0069-EB02		8260B	8260B	04/22 23:59	04/27/21	DTB	AR	VS-11	Unconfirmed
280-147236-3 IUX	F0069-GW-MW2		8260B	8260B	04/22 23:59	04/27/21	DTB	AR	VS-11	Unconfirmed

147226-13 4x  
146971-2 200x (HS)  
-3 100x (HS)  
147121-4 20x (HS)  
-5 20x (HS)

Sequence Name: C:\msdchem\1\sequence\042021am.s

Comment:

Operator: wickhamt

Data Path: C:\MSDCHEM\1\DATA\042021am\

Instrument Control Pre-Seq Cmd:

Data Analysis Pre-Seq Cmd:

Instrument Control Post-Seq Cmd:

Data Analysis Post-Seq Cmd:

Method Sections To Run

- Full Method
- Reprocessing Only

Sequence Barcode Options

- On Mismatch, Inject Anyway
- On Mismatch, Don't Inject
- Barcode Disabled

Eurofins TestAmerica Denver

Instrument ID: RI

SOP: DV-MS-0010 Rev. 26

Method: ( 524 / 624 / 8260P / 8260C )

Purge Volume (20mL / 5mL)

Matrix: (Water) Soil / Waste )

Tune Time: 08:21-17:44

TALs Batch: 533147

Line	Sample Name/Misc Info
1) Sample	100 R5186 BFB bfb
2) Sample	1 R5187 8260 ccv m
3) Sample	2 R5188 8260 ccv s
4) Sample	3 R5189 8260 lcs
5) Sample	4 R5190 8260 lcsd
6) Sample	5 R5191 8260 lcs s
7) Sample	6 R5192 8260 lcsd s
8) Sample	7 R5193 8260 blank
9) Sample	8 R5194 8260 mb
10) Sample	9 R5195 8260 280-147162-C-4 1x ph $\wedge$ 2
11) Sample	10 R5196 8260 280-147162-B-2 20x ph $\wedge$ 2
12) Sample	11 R5197 8260 280-147162-B-3 50x ph $\wedge$ 2
13) Sample	12 R5198 8260 280-147162-C-9 2000x ph $\wedge$ 2
14) Sample	13 R5199 8260 blank
15) Sample	14 R5200 8260 280-147252-U-1 1x ph $\wedge$ 2
16) Sample	13 R5201 8260 280-147252-V-2 1x ph $\wedge$ 2
17) Sample	16 R5202 8260 280-147252-V-3 2x ph $\wedge$ 2
18) Sample	17 R5203 8260 280-147252-U-4 1x ph $\wedge$ 2
19) Sample	18 R5204 8260 280-147252-V-5 1x ph $\wedge$ 2
20) Sample	19 R5205 8260 280-147252-V-6 2x ph $\wedge$ 2
21) Sample	20 R5206 8260 280-147252-U-7 1x ph $\wedge$ 2
22) Sample	21 R5207 8260 280-147252-V-8 2x ph $\wedge$ 2
23) Sample	22 R5208 8260 280-147252-U-9 1x ph $\wedge$ 2
24) Sample	23 R5209 8260 280-147252-U-10 2x ph $\wedge$ 2
25) Sample	24 R5210 8260 280-147236-B-3 20x ph $\wedge$ 2

4-21-21  
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d:lj  
RS4/20/21

Eurofins Environment Testing America  
Worklist Report

Worklist Name: 042021am

Worklist Number: 100720

Instrument Name: VMS\_R1

Chrom Method: AQ\_VMSR1\_8260

Purge Volume: 5.000

Units: mL

Analysis Type: VOA

Batch Directory: \\chromfs\Denver\ChromData\VMS\_R1\20210420-100720.b

Upload Directory: \\CorpTALSAPP16\280-DN-RawData\Organics\MS\VMS\_R1

Run Reagent: mv-IS\_SS\_00017

Amount Added: 5.000, Units: uL

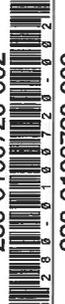
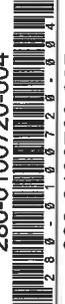
Smp #	Lims ID	Smp Type	Dil Fact	Fract	Initial Vol/Wt	Vol/Wt Units	Sample Reagents	pH	Comment
1	# 1 BFB	BFB	1.000	voaWater	2.000	uL	mv-Cent BFB_00003		
2	# 2 CCV	CCV	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00048		
3	# 3 CCV	CCV	1.000	voaWater	5.000	mL	MV-Supp A_00051 mv-Cent IS_00006		
4	# 4 ccv	CCV	1.000	voaWater	5.000	mL	MV-MegaMainA_00048		
5	# 5 LCS	LCS	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00048		
6	# 6 LCSD	LCSD	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00048		
7	# 7 LCS	LCS	1.000	voaWater	5.000	mL	MV-Supp A_00051		
8	# 8 LCSD	LCSD	1.000	voaWater	5.000	mL	MV-Supp A_00051		
9	# 9 RINSE	Client	1.000	voaWater	5.000	mL			
10	#10 MB	MB	1.000	voaWater	5.000	mL			
11	#11 280-141475-A-1	Client	1.000	voaWater	5.000	mL			
12	#12 280-141475-A-2	Client	1.000	voaWater	5.000	mL			
13	#13 280-141475-A-3	Client	1.000	voaWater	5.000	mL			
14	#14 280-147162-C-4	Client	1.000	voaWater	5.000	mL			
15	#15 280-147162-B-2	Client	20.00	voaWater	5.000	mL			
16	#16 280-147162-B-3	Client	50.00	voaWater	5.000	mL			
17	#17 280-147162-C-9	Client	2000.0	voaWater	5.000	mL			
18	#18 280-147252-U-1	Client	1.000	voaWater	5.000	mL			
19	#19 280-147252-V-2	Client	1.000	voaWater	5.000	mL			
20	#20 280-147252-V-3	Client	2.000	voaWater	5.000	mL			
21	#21 280-147252-U-4	Client	1.000	voaWater	5.000	mL			
22	#22 280-147252-V-5	Client	1.000	voaWater	5.000	mL			
23	#23 280-147252-V-6	Client	2.000	voaWater	5.000	mL			
24	#24 280-147252-U-7	Client	1.000	voaWater	5.000	mL			
25	#25 280-147252-V-8	Client	2.000	voaWater	5.000	mL			
26	#26 280-147252-U-9	Client	1.000	voaWater	5.000	mL			
27	#27 280-147252-U-10	Client	2.000	voaWater	5.000	mL			
28	#28 280-147236-B-3	Client	20.00	voaWater	5.000	mL			
29	#29 Samp 29	Client	1.000	voaWater	5.000	mL			

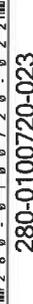
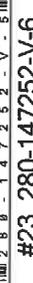
Eurofins Environment Testing America  
Worklist Report

Worklist Name: 042021am  
 Instrument Name: VMS\_R1  
 Purge Volume: 5.000  
 Analysis Type: VOA  
 Batch Directory: \\chromfins\Denver\ChromData\VMS\_R1\20210420-100720.b  
 Upload Directory: \\CorpTALSAPP16\280-DN-RawData\Organics\MS\VMS\_R1  
 Run Reagent: mv-IS\_SS\_00017  
 Batch #: 533147, 533148, 533149

Worklist Number: 100720  
 Chrom Method: AQ\_VMSR1\_8260  
 Units: mL

Amount Added: 5.000, Units: uL

Worklist ID	Lims ID	Sample Reagents	Smp Type	Fract	Initial Vol/Wt	Vol/Wt Units	Dil Fact
280-0100720-001 	# 1 BFB 	mv-Cent BFB_00003	BFB	voaWater	2.000	uL	1.000
280-0100720-002 	# 2 CCV 	MV-Gas A_00085 MV-MegaMainA_00048	CCV	voaWater	5.000	mL	1.000
280-0100720-003 	# 3 CCV 	MV-Supp A_00051 mv-Cent IS_00006	CCV	voaWater	5.000	mL	1.000
280-0100720-004 	# 4 CCV 	MV-MegaMainA_00048	CCV	voaWater	5.000	mL	1.000
280-0100720-005 	# 5 LCS 	MV-Gas A_00085 MV-MegaMainA_00048	LCS	voaWater	5.000	mL	1.000
280-0100720-006 	# 6 LCSD 	MV-Gas A_00085 MV-MegaMainA_00048	LCSD	voaWater	5.000	mL	1.000
280-0100720-007 	# 7 LCS 	MV-Supp A_00051	LCS	voaWater	5.000	mL	1.000
280-0100720-008 	# 8 LCSD 	MV-Supp A_00051	LCSD	voaWater	5.000	mL	1.000
280-0100720-009 	# 9 RINSE 		Client	voaWater	5.000	mL	1.000
280-0100720-010 	# 10 MB 		MB	voaWater	5.000	mL	1.000
280-0100720-011 	# 11 280-141475-A-1 		Client	voaWater	5.000	mL	1.000
280-0100720-012 	# 12 280-141475-A-2 		Client	voaWater	5.000	mL	1.000
280-0100720-013 	# 13 280-141475-A-3 		Client	voaWater	5.000	mL	1.000

Worklist ID	Lims ID	Sample Reagents	Smp Type	Fract	Initial Vol/Wt	Vol/Wt Units	Dil Fact
280-0100720-014 	#14 280-147162-C-4 		Client	voaWater	5.000	mL	1.000
280-0100720-015 	#15 280-147162-B-2 		Client	voaWater	5.000	mL	20.00
280-0100720-016 	#16 280-147162-B-3 		Client	voaWater	5.000	mL	50.00
280-0100720-017 	#17 280-147162-C-9 		Client	voaWater	5.000	mL	2000.0
280-0100720-018 	#18 280-147252-U-1 		Client	voaWater	5.000	mL	1.000
280-0100720-019 	#19 280-147252-V-2 		Client	voaWater	5.000	mL	1.000
280-0100720-020 	#20 280-147252-V-3 		Client	voaWater	5.000	mL	2.000
280-0100720-021 	#21 280-147252-U-4 		Client	voaWater	5.000	mL	1.000
280-0100720-022 	#22 280-147252-V-5 		Client	voaWater	5.000	mL	1.000
280-0100720-023 	#23 280-147252-V-6 		Client	voaWater	5.000	mL	2.000
280-0100720-024 	#24 280-147252-U-7 		Client	voaWater	5.000	mL	1.000
280-0100720-025 	#25 280-147252-V-8 		Client	voaWater	5.000	mL	2.000
280-0100720-026 	#26 280-147252-U-9 		Client	voaWater	5.000	mL	1.000
280-0100720-027 	#27 280-147252-U-10 		Client	voaWater	5.000	mL	2.000
280-0100720-028 	#28 280-147236-B-3 		Client	voaWater	5.000	mL	20.00
280-0100720-029 	#29 Samp 29 		Client	voaWater	5.000	mL	1.000

len\_msvoa\_totalbacklog Gabe 4/19/2021 8:31:35 AM Assigned to: Wickham, Tom A

Sample	Client Sample ID	Container	Method	Analytical Method	Hold Time	Due	PM	State Code	Storage	Hazard Level
280-147234-1	TB-040821		8260B	8260B	04/22 23:59	04/27/21	SRT	UT	VS-11	Unconfirmed
<del>ALL SAMPLES IN JOB MUST BE BATCHED TOGETHER_NoME_MI_DIL1_NCM if CCV &gt;20%</del>										
280-147234-2	MW23-S21		8260B	8260B	04/22 23:59	04/27/21	SRT	UT	261 & Mtls-Use & VS-11	Unconfirmed
<del>ALL SAMPLES IN JOB MUST BE BATCHED TOGETHER_NoME_MI_DIL1_NCM if CCV &gt;20%</del>										
280-147234-3	MW21-S21		8260B	8260B	04/22 23:59	04/27/21	SRT	UT	VS-11 & 261 & Mtls-Use & OP Dpt	Unconfirmed
<del>ALL SAMPLES IN JOB MUST BE BATCHED TOGETHER_NoME_MI_DIL1_NCM if CCV &gt;20%</del>										
280-147234-4	MW921-S21		8260B	8260B	04/22 23:59	04/27/21	SRT	UT	Mtls-Use & 261 & OP Dpt & VS-11	Unconfirmed
<del>ALL SAMPLES IN JOB MUST BE BATCHED TOGETHER_NoME_MI_DIL1_NCM if CCV &gt;20%</del>										
280-147234-5	MW13-S21		8260B	8260B	04/22 23:59	04/27/21	SRT	UT	261 & VS-11 & Mtls-Use	Unconfirmed
<del>ALL SAMPLES IN JOB MUST BE BATCHED TOGETHER_NoME_MI_DIL1_NCM if CCV &gt;20%</del>										
280-147252-1	G01D		8260B	8260B	04/22 23:59	04/29/21	BAS	IL	260 & VS-9 & WC Dpt & OP Dpt & Mtls-Use	Unconfirmed
<del>DIL3</del>										
280-147252-2	G027		8260B	8260B	04/22 23:59	04/29/21	BAS	IL	OP Dpt & 260 & VS-9 & WC Dpt & Mtls-Use	Unconfirmed
<del>DIL3</del>										
280-147252-3	G45S		8260B	8260B	04/22 23:59	04/29/21	BAS	IL	260 & VS-9 & OP Dpt & Mtls-Use & WC Dpt	Unconfirmed
<del>DIL3</del>										
280-147252-4	G45D		8260B	8260B	04/22 23:59	04/29/21	BAS	IL	260 & WC Dpt & OP Dpt & Mtls-Use & VS-9	Unconfirmed
<del>DIL3</del>										
280-147252-5	G014		8260B	8260B	04/22 23:59	04/29/21	BAS	IL	OP Dpt & WC Dpt & VS-9 & Mtls-Use & 260	Unconfirmed

en\_msvoa\_totalbacklog Gabe 4/19/2021 8:31:35 AM Assigned to: Wickham, Tom A

Sample	Client Sample ID	Container	Method	Analytical Method	Hold Time	Due	PM	State Code	Storage	Hazard Level
180-147252-6 2X-10X DIL3	G45M		8260B	8260B	04/22 23:59	04/29/21	BAS	IL	OP Dpt & MIs-Use & VS-9 & 260	Unconfirmed
180-147252-7 1X DIL3	G001		8260B	8260B	04/22 23:59	04/29/21	BAS	IL	MIs-Use & 260 & VS-9 & OP Dpt	Unconfirmed
180-147252-8 2X-10X DIL3	G01S		8260B	8260B	04/22 23:59	04/29/21	BAS	IL	OP Dpt & 260 & VS-9 & MIs-Use	Unconfirmed
180-147252-9 1X DIL3	G044		8260B	8260B	04/22 23:59	04/29/21	BAS	IL	260 & MIs-Use & VS-9 & OP Dpt	Unconfirmed
180-147252-10 2X-10X DIL3	P03S		8260B	8260B	04/22 23:59	04/29/21	BAS	IL	260 & OP Dpt & VS-9 & MIs-Use	Unconfirmed

147162 -2 20X  
 -3 50X  
 -4 1X  
 -9 2000X  
 147236-3 20X

Comment:

Operator: PETUNINP

Data Path: C:\HPCHEM\1\DATA\042121PM\

Pre-Seq Cmd:

Post-Seq Cmd:

Eurofins TestAmerica Dem...

Instrument ID: P

SOP: DV-MS-0010 Rev. 26

Method: ( 524 / 624 / 8260B / 8260C )

Purge Volume (20mL / 5mL)

Matrix: (Water) / Soil / Waste

Tune Time: 20560744

TALs Batch: 533123

Method Sections To Run      On A Barcode Mismatch  
 Full Method                       Inject Anyway  
 Reprocessing Only               Don't Inject

Line Type      Vial DataFile Method      Sample Name

Line Type	Vial	DataFile	Method	Sample Name
1 Sample	100	P3409	BFB	BFB
2 Sample	1	P3410	8260	CCV
3 Sample	2	P3411	8260	CCV S
4 Sample	3	P3412	8260	LCS
5 Sample	4	P3413	8260	LCSD
6 Sample	5	P3414	8260	LCS S
7 Sample	6	P3415	8260	LCSD S
8 Sample	7	P3416	8260	RINSE
9 Sample	8	P3417	8260	MB
10 Sample	9	P3418	8260	550-161701-C-1 pH<2
11 Sample	10	P3419	8260	550-161701-A-2 pH<2
12 Sample	11	P3420	8260	550-161701-C-3 4X pH<2
13 Sample	12	P3421	8260	550-161701-C-4 pH<2
14 Sample	13	P3422	8260	280-147296-U-1 pH<2
15 Sample	14	P3423	8260	280-147245-W-1 pH=3 * → DQR
16 Sample	15	P3424	8260	280-147257-Y-1 pH=7 * → DQR
17 Sample	16	P3425	8260	280-147232-AB-1 2X pH=7 * → DQR @ 4X
18 Sample	17	P3426	8260	280-147232-Z-2 20X pH=7 * → DQR
19 Sample	18	P3427	8260	280-147232-Z-3 2X pH=7 * → DQR @ 5X
20 Sample	19	P3428	8260	280-147236-B-4 pH<2
21 Sample	20	P3429	8260	280-147236-B-5 2000X pH<2
22 Sample	21	P3430	8260	280-147236-B-6 2000X pH<2
23 Sample	22	P3431	8260	280-147236-B-7 2000X pH<2
24 Sample	23	P3432	8260	280-147236-B-7 MS 2000X pH<2
25 Sample	24	P3433	8260	280-147236-B-7 MSD 2000X pH<2
26 Sample	25	P3434	8260	280-147236-B-8 1000X pH<2
27 Sample	26	P3435	8260	280-147236-B-9 200X pH<2
28 Sample	27	P3436	8260	280-147236-A-10 50X pH<2
29 Sample	28	P3437	8260	280-147236-B-11 2X pH<2

DIL val

Eurofins Environment Testing America  
Worklist Report

Worklist Name: 042121PM

Worklist Number: 100796

Instrument Name: VMS\_P

Chrom Method: AQ\_VMSP\_8260

Purge Volume: 5.000

Units: mL

Analysis Type: VOA

Batch Directory: \\chromfs\Denver\ChromData\VMS\_P\20210421-100796.b

Upload Directory: \\CorpTALSAPP16\280-DN-RawData\Organics\MS\VMS\_P

Run Reagent: mv-IS\_SS\_00018

Amount Added: 5.000, Units: uL

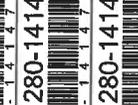
Smp #	Lims ID	Smp Type	Dil Fact	Fract	Initial Vol/Wt	Vol/Wt Units	Sample Reagents	pH	Comment
1	# 1 BFB	BFB	1.000	voaWater	2.000	uL	mv-Cent BFB_00003		
2	# 2 CCV	CCV	1.000	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00085		
3	# 3 CCV	CCV	1.000	voaWater	5.000	mL	mv-Cent IS_00006 MV-Supp A_00050		
4	# 4 LCS	LCS	1.000	voaWater	5.000	mL	MV-Gas B_00089 MV-MegaMain B_00045 Acrolein_B_00003		
5	# 5 LCSD	LCSD	1.000	voaWater	5.000	mL	MV-MegaMain B_00045 MV-Gas B_00089 Acrolein_B_00003		
6	# 6 LCS	LCS	1.000	voaWater	5.000	mL	MV-Supp B_00032		
7	# 7 LCSD	LCSD	1.000	voaWater	5.000	mL	MV-Supp B_00032		
8	# 8 RINSE	Client	1.000	voaWater	5.000	mL			
9	# 9 MB	MB	1.000	voaWater	5.000	mL			
10	#10 280-141475-A-1	Client	1.000	voaWater	5.000	mL			
11	#11 280-141475-A-2	Client	1.000	voaWater	5.000	mL			
12	#12 280-141475-A-3	Client	1.000	voaWater	5.000	mL			
13	#13 280-141475-A-7	Client	1.000	voaWater	5.000	mL			
14	#14 550-161701-C-1	Client	1.000	voaWater	5.000	mL			
15	#15 550-161701-A-2	Client	1.000	voaWater	5.000	mL			
16	#16 550-161701-C-3	Client	4.000	voaWater	5.000	mL			
17	#17 550-161701-C-4	Client	1.000	voaWater	5.000	mL			
18	#18 280-147296-U-1	Client	1.000	voaWater	5.000	mL			
19	#19 280-147245-W-1	Client	1.000	voaWater	5.000	mL			
20	#20 280-147257-Y-1	Client	1.000	voaWater	5.000	mL			
21	#21 280-147232-AB-1	Client	2.000	voaWater	5.000	mL			
22	#22 280-147232-Z-2	Client	20.00	voaWater	5.000	mL			
23	#23 280-147232-Z-3	Client	2.000	voaWater	5.000	mL			
24	#24 280-147236-B-4	Client	1.000	voaWater	5.000	mL			
25	#25 280-147236-B-5	Client	2000.0	voaWater	5.000	mL			
26	#26 280-147236-B-6	Client	2000.0	voaWater	5.000	mL			
27	#27 280-147236-B-7	Client	2000.0	voaWater	5.000	mL			
28	#28 280-147236-B-7 MS	MS	2000.0	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00085		
29	#29 280-147236-B-7 MSD	MSD	2000.0	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00085		
30	#30 280-147236-B-8	Client	1000.0	voaWater	5.000	mL			
31	#31 280-147236-B-9	Client	200.0	voaWater	5.000	mL			
32	#32 280-147236-A-10	Client	50.00	voaWater	5.000	mL			
33	#33 280-147236-B-11	Client	2.000	voaWater	5.000	mL			

Eurofins Environment Testing America  
Worklist Report

Worklist Name: 042121PM  
 Instrument Name: VMS\_P  
 Purge Volume: 5.000  
 Analysis Type: VOA  
 Batch Directory: \\chromfs\Denver\ChromData\VMS\_P\20210421-100796.b  
 Upload Directory: \\CorpTALSAPP16\280-DN-RawData\Organics\MS\VMS\_P  
 Run Reagent: mv-IS\_SS\_00018  
 Batch #: 533423

Worklist Number: 100796  
 Chrom Method: AQ\_VMSP\_8260  
 Units: mL

Amount Added: 5.000, Units: uL

Worklist ID	Lims ID	Sample Reagents	Smp Type	Fract	Initial Vol/Wt	Vol/Wt Units	Dil Fact
280-0100796-001 	# 1 BFB 	mv-Cent BFB_00003	BFB	voaWater	2.000	uL	1.000
280-0100796-002 	# 2 CCV 	MV-MegaMainA_00046 MV-Gas A_00085	CCV	voaWater	5.000	mL	1.000
280-0100796-003 	# 3 CCV 	mv-Cent IS_00006 MV-Supp A_00050	CCV	voaWater	5.000	mL	1.000
280-0100796-004 	# 4 LCS 	MV-Gas B_00089 MV-MegaMain B_00045 Acrolein_B_00003	LCS	voaWater	5.000	mL	1.000
280-0100796-005 	# 5 LCSD 	MV-MegaMain B_00045 MV-Gas B_00089 Acrolein_B_00003	LCSD	voaWater	5.000	mL	1.000
280-0100796-006 	# 6 LCS 	MV-Supp B_00032	LCS	voaWater	5.000	mL	1.000
280-0100796-007 	# 7 LCSD 	MV-Supp B_00032	LCSD	voaWater	5.000	mL	1.000
280-0100796-008 	# 8 RINSE 		Client	voaWater	5.000	mL	1.000
280-0100796-009 	# 9 MB 		MB	voaWater	5.000	mL	1.000
280-0100796-010 	#10 280-141475-A-1 		Client	voaWater	5.000	mL	1.000
280-0100796-011 	#11 280-141475-A-2 		Client	voaWater	5.000	mL	1.000
280-0100796-012 	#12 280-141475-A-3 		Client	voaWater	5.000	mL	1.000
280-0100796-013 	#13 280-141475-A-7 		Client	voaWater	5.000	mL	1.000

Worklist ID	Lims ID	Sample Reagents	Smp Type	Fract	Initial Vol/Wt	Vol/Wt Units	Dil Fact
280-0100796-014	#14 550-161701-C-1		Client	voaWater	5,000	mL	1,000
280-0100796-015	#15 550-161701-A-2		Client	voaWater	5,000	mL	1,000
280-0100796-016	#16 550-161701-C-3		Client	voaWater	5,000	mL	4,000
280-0100796-017	#17 550-161701-C-4		Client	voaWater	5,000	mL	1,000
280-0100796-018	#18 280-147296-U-1		Client	voaWater	5,000	mL	1,000
280-0100796-019	#19 280-147245-W-1		Client	voaWater	5,000	mL	1,000
280-0100796-020	#20 280-147257-Y-1		Client	voaWater	5,000	mL	1,000
280-0100796-021	#21 280-147232-AB-1		Client	voaWater	5,000	mL	2,000
280-0100796-022	#22 280-147232-Z-2		Client	voaWater	5,000	mL	20,000
280-0100796-023	#23 280-147232-Z-3		Client	voaWater	5,000	mL	2,000
280-0100796-024	#24 280-147236-B-4		Client	voaWater	5,000	mL	1,000
280-0100796-025	#25 280-147236-B-5		Client	voaWater	5,000	mL	2000.0
280-0100796-026	#26 280-147236-B-6		Client	voaWater	5,000	mL	2000.0
280-0100796-027	#27 280-147236-B-7		Client	voaWater	5,000	mL	2000.0
280-0100796-028	#28 280-147236-B-7 MS	MV-MegaMainA_00046 MV-Gas A_00085	MS	voaWater	5,000	mL	2000.0
280-0100796-029	#29 280-147236-B-7 MSD	MV-MegaMainA_00046 MV-Gas A_00085	MSD	voaWater	5,000	mL	2000.0
280-0100796-030	#30 280-147236-B-8		Client	voaWater	5,000	mL	1000.0
280-0100796-031	#31 280-147236-B-9		Client	voaWater	5,000	mL	200.0

Worklist ID	Lims ID	Sample Reagents	Smp Type	Fract	Initial Vol/Wt	Vol/Wt Units	Dil Fact
280-0100796-032 	#32 280-147236-A-10 		Client	voaWater	5.000	mL	50.00
280-0100796-033 	#33 280-147236-B-11 		Client	voaWater	5.000	mL	2.000

4/21/2021  
10:35PM

Sample Request Form: 67448

den\_msvoa\_totalbacklog Gabe 4/21/2021 10:35:36 PM Assigned to:Petunin, Peter

Sample	Client Sample ID	Container	Method	Analytical Method	Hold Time	Due	PM	State Code	Storage	Hazard Level
280-147232-1 04/13/21 M 2-CLEVE	L101	✓	8260B	8260B	04/22 23:59	04/27/21	BAS	IL	Mtis-Use & Marked as Disposed & VS-9 & OP Dpt & 259	Unconfirmed
280-147232-2 M 2-CLEVE	L102	✓	8260B	8260B	04/22 23:59	04/27/21	BAS	IL	Mtis-Use & Marked as Disposed & OP Dpt & 259 & VS-9	Unconfirmed
280-147232-3 M 2-CLEVE	L103	✓	8260B	8260B	04/22 23:59	04/27/21	BAS	IL	Mtis-Use & Marked as Disposed & OP Dpt & VS-9 & 259	Unconfirmed
280-147236-4 04/14	F0069-GW-MW10	1x	8260B	8260B	04/22 23:59	04/27/21	DTB	AR	VS-11	Unconfirmed
280-147236-5 D 065	F0069-GW-MW14	2000x	8260B	8260B	04/22 23:59	04/27/21	DTB	AR	VS-11	Unconfirmed
280-147236-6 Of 67	F0069-GW-MW14-DUP	2000x	8260B	8260B	04/22 23:59	04/27/21	DTB	AR	VS-11	Unconfirmed
280-147236-7	F0069-GW-MW7	2000x	8260B	8260B	04/22 23:59	04/27/21	DTB	AR	VS-11	Unconfirmed
280-147236-7MS	F0069-GW-MW7	<del>1000x</del>	8260B	8260B	04/22 23:59	04/27/21	DTB	AR	VS-11	Unconfirmed
280-147236-7MSD	F0069-GW-MW7	1000x	8260B	8260B	04/22 23:59	04/27/21	DTB	AR	VS-11	Unconfirmed
280-147236-8	F0069-GW-MW6	1000x	8260B	8260B	04/22 23:59	04/27/21	DTB	AR	VS-11	Unconfirmed
280-147236-9	F0069-GW-MW4	200x	8260B	8260B	04/22 23:59	04/27/21	DTB	AR	VS-11	Unconfirmed
280-147236-10	F0069-GW-MW1	200x	8260B	8260B	04/22 23:59	04/27/21	DTB	AR	VS-11	Unconfirmed
280-147236-11	F0069-GW-DW1	200x	8260B	8260B	04/22 23:59	04/27/21	DTB	AR	VS-11	Unconfirmed
280-147245-1 04/23/2021	L361	1x	8260B	8260B	04/22 23:59	04/27/21	BAS	IL	Marked as Disposed & Mtis-Use & 259 & VS-9	Unconfirmed

25ul → 750ul  
50ul → 50ul

den\_msvoa\_totalbacklog Gabe 4/21/2021 10:35:36 PM Assigned to: Petunin, Peter

Sample	Client Sample ID	Container	Method	Analytical Method	Hold Time	Due	PM	State Code	Storage	Hazard Level
M 2-CLEVE										
280-147257-1 04/16	L302	(12)	8260B	8260B	04/22 23:59	04/27/21	BAS	IL	Savannah & VS-11 & 243 & Mtis-Use & Marked as Disposed	Unconfirmed
M 2-CLEVE										
280-147296-1	S101	(17)	8260B	8260B	04/23 23:59	04/27/21	BAS	IL	266 & Mtis-Use & WC Dpt & VS-11 & Marked as Disposed	Unconfirmed
550-161701-1 04/16	POD-8	(13)	8260B	8260B	04/22 23:59	05/09/21	MHC	NV	L Soil	Unconfirmed
L -1, -2, and -3 to be invoiced together.										
550-161701-2	TB-04	(14)	8260B	8260B	04/22 23:59	05/09/21	MHC	NV	L Soil	Unconfirmed
550-161701-3	J2D4	(15)	8260B	8260B	04/22 23:59	05/09/21	MHC	NV	L Soil	Unconfirmed
550-161701-4	Equip-Rinse-03	(14)	8260B	8260B	04/22 23:59	05/09/21	MHC	NV	L Soil	Unconfirmed
Do NOT use as Dup or MS/MSD (sample is a blank)										

Comment:

Operator: SEIFERTJ

Data Path: C:\HPCHEM\1\DATA\0223211\

Pre-Seq Cmd:

Post-Seq Cmd:

Location: TestAmerica Denver

Instrument ID: P

Method: DV-MS-0010 Rev. 26

Method: (524 / 629 / 8260B / 8260)

Purge Volume (20mL / 5mL)

Matrix: (Water / Soil / Waste)

Tune Time: 1008-2145

File Batch: 527052 8260

527053 624

Method Sections To Run On A Barcode Mismatch  
(X) Full Method (X) Inject Anyway  
( ) Reprocessing Only ( ) Don't Inject

Line Type Vial DataFile Method Sample Name

Line Type	Vial	DataFile	Method	Sample Name
1 Sample	100	P1320	BFB	BFB 1008
2 Sample	1	P1321	8260	CCV
3 Sample	2	P1322	8260	CCV
4 Sample	3	P1323	8260	STD005
5 Sample	4	P1324	8260	STD010
6 Sample	5	P1325	8260	STD020
7 Sample	6	P1326	8260	STD050
8 Sample	7	P1327	8260	STD10
9 Sample	8	P1328	8260	ICIS
10 Sample	9	P1329	8260	STD75
11 Sample	10	P1330	8260	STD100
12 Sample	11	P1331	8260	STD200
13 Sample	12	P1332	8260	BLK
14 Sample	13	P1333	8260	STD75 RR
15 Sample	14	P1334	8260	ICV
16 Sample	15	P1335	8260	STD010
17 Sample	16	P1336	8260	STD020
18 Sample	17	P1337	8260	STD050
19 Sample	18	P1338	8260	STD10
20 Sample	19	P1339	8260	STD50
21 Sample	20	P1340	8260	STD75
22 Sample	21	P1341	8260	STD100
23 Sample	22	P1342	8260	STD200
24 Sample	23	P1343	8260	BLK
25 Sample	24	P1344	8260	ICV RR
26 Sample	25	P1345	8260	ICV
27 Sample	26	P1346	8260	MDLV
28 Sample	27	P1347	8260	MDLV
29 Sample	28	P1348	8260	MDLV
30 Sample	29	P1349	8260	MDLV
31 Sample	30	P1350	8260	MDLV

2nd Day

Calib: 51316 51317

ICIS: 18

gas ICV: 37

8260 624

527177 527178

2nd Day Fer Main

Acrolein ICV: 13

8260 527177

624 527178

Calib: 51318

Remove For Supp (All Compounds)

Supp ICV: 31

Acrolein - 36.0%

Cyclohexanone - 56.9%

2145

4 Bromomethane Does meet "Pentax" Intercept Guidelines 4

4 Does not meet 8260D Guidelines For ICV on Separate Batches. 4

Ethyl acetate - 26.1

Propene oxide +25.1

tetrahydrothiophen +104.0%

1st JK 2/25/21

2nd AP 2/25/21

Euofins Environment Testing America  
Worklist Report

Worklist Name: 0223211

Worklist Number: 99324

Instrument Name: VMS\_P

Chrom Method: AQ\_VMSP\_8260

Purge Volume: 5.000

Units: mL

Analysis Type: VOA

Batch Directory: \\chromfs\Denver\ChromData\VMS\_P\20210223-99324.b

Upload Directory: \\CorpTALSAPP16\280-DN-RawData\Organics\VMS\VMS\_P

Run Reagent: mv-IS\_SS\_00010

Amount Added: 5.000, Units: uL

Smp #	Lims ID	Smp Type	Ical Lvl	Dil Fact	Fract	Initial Vol/Wt	Vol/Wt Units	Sample Reagents	pH	Comment
1	# 1 BFB	BFB		1.000	voaWater	2.000	uL	mv-Cent BFB_00003		
2	# 2 CCV	CCV		1.000	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00081		
3	# 3 CCV	CCV		1.000	voaWater	5.000	mL	mv-Cent IS_00006 MV-Supp A_00049		
4	# 4 LCS	LCS		1.000	voaWater	5.000	mL	MV-MegaMain B_00041		
5	# 5 LCSD	LCSD		1.000	voaWater	5.000	mL	MV-MegaMain B_00041		
6	# 6 LCS	LCS		1.000	voaWater	5.000	mL	MV-Supp B_00031		
7	# 7 LCSD	LCSD		1.000	voaWater	5.000	mL	MV-Supp B_00031		
8	# 8 MB	MB		1.000	voaWater	5.000	mL			
9	# 9 280-141475-A-1	Client		1.000	voaWater	5.000	mL			
10	#10 280-141475-A-2	Client		1.000	voaWater	5.000	mL			
11	#11 280-141475-A-3	Client		1.000	voaWater	5.000	mL			
12	#12 280-141475-A-7	Client		1.000	voaWater	5.000	mL			
13	#13 STD005	IC	1	1.000	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00081		
14	#14 STD010	IC	2	1.000	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00081		
15	#15 STD020	IC	3	1.000	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00081		
16	#16 STD050	IC	4	1.000	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00081		
17	#17 STD10	IC	5	1.000	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00081		
18	#18 ICIS	ICIS	6	1.000	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00081		
19	#19 STD75	IC	7	1.000	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00081		
20	#20 STD100	IC	8	1.000	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00081		
21	#21 STD200	IC	9	1.000	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00081		
37	#37 ICV	ICV		1.000	voaWater	5.000	mL	MV-Gas B_00085		
23	#23 STD010	IC	1	1.000	voaWater	5.000	mL	mv-Cent IS_00006 MV-Supp A_00050		
24	#24 STD020	IC	2	1.000	voaWater	5.000	mL	mv-Cent IS_00006 MV-Supp A_00050		
25	#25 STD050	IC	3	1.000	voaWater	5.000	mL	mv-Cent IS_00006 MV-Supp A_00050		
26	#26 STD10	IC	4	1.000	voaWater	5.000	mL	mv-Cent IS_00006 MV-Supp A_00050		
27	#27 STD50	IC	5	1.000	voaWater	5.000	mL	mv-Cent IS_00006 MV-Supp A_00050		
29	#29 STD100	IC	7	7.000	voaWater	5.000	mL	mv-Cent IS_00006 MV-Supp A_00050		
30	#30 STD200	IC	8	1.000	voaWater	5.000	mL	mv-Cent IS_00006 MV-Supp A_00050		
31	#31 ICV	ICV		1.000	voaWater	5.000	mL	MV-Supp B_00031 mv-Cent IS_00006		
32	#32 280-144763-A-3 MDLV	MDLV		1.000	voaWater	5.000	mL	MV-Supp A_00049 mv-Cent IS_00006		
33	#33 280-144763-A-3 MDLV	MDLV		1.000	voaWater	5.000	mL	MV-Supp A_00049 mv-Cent IS_00006		
34	#34 280-144763-A-3 MDLV	MDLV		1.000	voaWater	5.000	mL	MV-Supp A_00049 mv-Cent IS_00006		
35	#35 280-144763-A-3 MDLV	MDLV		1.000	voaWater	5.000	mL	MV-Supp A_00049 mv-Cent IS_00006		
36	#36 280-144763-A-3 MDLV	MDLV		1.000	voaWater	5.000	mL	MV-Supp A_00049 mv-Cent IS_00006		
38	#38 ICV	ICV		1.000	voaWater	5.000	mL	Acrolein_B_00001		

Sequence Name: C:\HPCHEM\1\SEQUENCE\022421.S

Comment:

Operator: SEIFERTJ

Data Path: C:\HPCHEM\1\DATA\022421\

Pre-Seq Cmd:

Post-Seq Cmd:

Eurofins TestAmerica Denver

Instrument ID: P

SOP: DV-MS-0010 Rev 26

Method: ( 524 / ~~624~~ / ~~8260B~~ / ~~8260~~ )

Purge Volume (20mL / ~~5mL~~)

Matrix: ( ~~Water~~ / Soil / Waste )

Tune Time: 1028-1155

TALs Batch: 527177 8260

527178 624

Method Sections To Run On A Barcode Mismatch  
(X) Full Method (X) Inject Anyway  
( ) Reprocessing Only ( ) Don't Inject

Line Type	Vial	DataFile	Method	Sample Name
1 Sample	100	P1352	BFB	BFB 1028
2 Sample	1	P1353	8260	CCV
3 Sample	2	P1354	8260	CCV
4 Sample	3	P1355	8260	ICV 1155

Eurofins Environment Testing America  
Worklist Report

Worklist Name: 022421                      Worklist Number: 99358  
 Instrument Name: VMS\_P                      Chrom Method: AQ\_VMSP\_8260  
 Purge Volume: 5.000                      Units: mL  
 Analysis Type: VOA  
 Batch Directory: \\chromfs\Denver\ChromData\VMS\_P\20210224-99358.b  
 Upload Directory: \\CorpTALSAPP16\280-DN-RawData\Organics\MS\VMS\_P  
 Run Reagent: mv-IS\_SS\_00010                      Amount Added: 5.000, Units: uL

Smp #	Lims ID	Smp Type	Dil Fact	Fract	Initial Vol/Wt	Vol/Wt Units	Sample Reagents	pH	Comment
1	# 1 BFB	BFB	1.000	voaWater	2.000	uL	mv-Cent BFB_00003		
2	# 2 CCV	CCV	1.000	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00081		
3	# 3 CCV	CCV	1.000	voaWater	5.000	mL	mv-Cent IS_00006 MV-Supp A_00049		
4	# 4 LCS	LCS	1.000	voaWater	5.000	mL	MV-MegaMain B_00043 MV-Gas B_00085		
5	# 5 LCSD	LCSD	1.000	voaWater	5.000	mL	MV-MegaMain B_00043 MV-Gas B_00085		
6	# 6 LCS	LCS	1.000	voaWater	5.000	mL	MV-Supp B_00031		
7	# 7 LCSD	LCSD	1.000	voaWater	5.000	mL	MV-Supp B_00031		
8	# 8 MB	MB	1.000	voaWater	5.000	mL			
9	# 9 280-141475-A-1	Client	1.000	voaWater	5.000	mL			
10	#10 280-141475-A-2	Client	1.000	voaWater	5.000	mL			
11	#11 280-141475-A-3	Client	1.000	voaWater	5.000	mL			
12	#12 280-141475-A-7	Client	1.000	voaWater	5.000	mL			
13	#13 ICV	ICV	1.000	voaWater	5.000	mL	Acrolein_B_00002 MV-MegaMain B_00043 mv-Cent IS_00006		

Sequence Name: C:\HPCHEM\1\SEQUENCE\040921.S

Comment:

Operator: SEIFERTJ

Data Path: C:\HPCHEM\1\DATA\040921\

Pre-Seq Cmd:

Post-Seq Cmd:

Main/GAS/SS

Eurofins TestAmerica Denver

Instrument ID: J 26

SOP: DV-MS-0010 Rev. 26

Method: ( 524 / 624 / 8260 / 82600 )

Purge Volume (20mL / 6mL)

Matrix: ( Water / Soil / Waste )

Tune Time: 0901-1952

TALs Batch: 531966 8260

531989 624

Method Sections To Run On A Barcode Mismatch  
(X) Full Method (X) Inject Anyway  
( ) Reprocessing Only ( ) Don't Inject

Line Type Vial DataFile Method Sample Name

Line Type	Vial	DataFile	Method	Sample Name
1 Sample	100	P2864	BFB	BFB
2 Sample	100	P2865	BFB	BFB
3 Sample	1	P2866	8260	CCV
4 Sample	2	P2867	8260	CCV P
5 Sample	3	P2868	8260	STD005
6 Sample	4	P2869	8260	STD010
7 Sample	5	P2870	8260	STD020
8 Sample	6	P2871	8260	STD050
9 Sample	7	P2872	8260	STD10
10 Sample	8	P2873	8260	ICIS
11 Sample	9	P2874	8260	STD75
12 Sample	10	P2875	8260	STD100
13 Sample	11	P2876	8260	STD200
14 Sample	12	P2877	8260	BLK
15 Sample	13	P2878	8260	ICV
16 Sample	14	P2879	8260	LCS
17 Sample	15	P2880	8260	LCSD
18 Sample	16	P2881	8260	ICV
19 Sample	17	P2882	8260	LCS S
20 Sample	18	P2883	8260	LCSD S
21 Sample	19	P2884	8260	LCS P
22 Sample	20	P2885	8260	LCSD P
23 Sample	21	P2886	8260	RINSE
24 Sample	22	P2887	8260	MB
25 Sample	23	P2888	8260	280-146845-d-33 pH<2
26 Sample	24	P2889	8260	280-146845-d-35 pH<2
27 Sample	25	P2890	8260	280-146845-f-37 pH<2
28 Sample	26	P2891	8260	280-146845-f-39 pH<2
29 Sample	27	P2892	8260	280-146845-e-39 ms pH<2
30 Sample	28	P2893	8260	280-146845-f-39 msd pH<2

WL-100429

Culib: 52244 8260

52245 624

ICIS: 22

PIL VIT  
PUP 040921

ICV: 26 Main/SS

ICV: 27 GAS/Aralen

1952

Aralen - 43.6% D

1st JK 4/10/21

Eurofins Environment Testing America  
Worklist Report

Worklist Name: 0409211  
Instrument Name: VMS\_P  
Purge Volume: 5.000  
Analysis Type: VOA

Worklist Number: 100429  
Chrom Method: AQ\_VMSP\_8260  
Units: mL

Batch Directory: \\chromfs\Denver\ChromData\VMS\_P\20210409-100429.b  
Upload Directory: \\CorpTALSAPP16\280-DN-RawData\Organics\MS\VMS\_P

Run Reagent: mv-IS\_SS\_00018 Amount Added: 5.000, Units: uL

Smp #	Lims ID	Smp Type	Ical Lvl	Dil Fact	Fract	Initial Vol/Wt	Vol/Wt Units	Sample Reagents	pH	Comment
1	# 1 BFB	BFB		1.000	voaWater	2.000	uL	mv-Cent BFB_00003		
2	# 2 CCV	CCV		1.000	voaWater	5.000	mL	MV-MegaMainA_00046 MV-Gas A_00085		
3	# 3 CCV	CCV		1.000	voaWater	5.000	mL	mv-Cent IS_00006 MV-Supp A_00050		
4	# 4 CCV	CCV		1.000	voaWater	5.000	mL	mv-Pentachlor_00015 mv-Cent IS_00006		
5	# 5 LCS	LCS		1.000	voaWater	5.000	mL	MV-Gas B_00088 MV-MegaMain B_00045 Acrolein_B_00003		
6	# 6 LCSD	LCSD		1.000	voaWater	5.000	mL	MV-Gas B_00088 MV-MegaMain B_00045 Acrolein_B_00003		
7	# 7 LCS	LCS		1.000	voaWater	5.000	mL	MV-Supp B_00032		
8	# 8 LCSD	LCSD		1.000	voaWater	5.000	mL	MV-Supp B_00032		
9	# 9 LCS	LCS		1.000	voaWater	5.000	mL	mv-pentachloB_00013		
10	#10 LCSD	LCSD		1.000	voaWater	5.000	mL	mv-pentachloB_00013		
11	#11 RINSE	Client		1.000	voaWater	5.000	mL			
12	#12 MB	MB		1.000	voaWater	5.000	mL			
13	#13 280-141475-A-1	Client		1.000	voaWater	5.000	mL			
14	#14 280-141475-A-2	Client		1.000	voaWater	5.000	mL			
15	#15 280-141475-A-3	Client		1.000	voaWater	5.000	mL			
16	#16 280-141475-A-7	Client		1.000	voaWater	5.000	mL			
17	#17 STD005	IC	1	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00046		
18	#18 STD010	IC	2	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00046		
19	#19 STD020	IC	3	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00046		
20	#20 STD050	IC	4	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00046		
21	#21 STD10	IC	5	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00046		
22	#22 ICIS	ICIS	6	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00046		
23	#23 STD75	IC	7	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00046		
24	#24 STD100	IC	8	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00046		
25	#25 STD200	IC	9	1.000	voaWater	5.000	mL	MV-Gas A_00085 MV-MegaMainA_00046		
26	#26 ICV	ICV		1.000	voaWater	5.000	mL	MV-MegaMain B_00045 MV-Gas B_00088 Acrolein_B_00003		
27	#27 ICV	ICV		1.000	voaWater	5.000	mL	Acrolein_B_00003 MV-Gas B_00088 mv-Cent IS_00006		
28	#28 280-146845-D-33	Client		1.000	voaWater	5.000	mL			
29	#29 280-146845-D-35	Client		1.000	voaWater	5.000	mL			
30	#30 280-146845-F-37	Client		1.000	voaWater	5.000	mL			
31	#31 280-146845-F-39	Client		1.000	voaWater	5.000	mL			
32	#32 280-146845-E-39 MS	MS		1.000	voaWater	5.000	mL	MV-MegaMain B_00045 Acrolein_B_00003 MV-Gas B_00088		
33	#33 280-146845-F-39 MSD	MSD		1.000	voaWater	5.000	mL	MV-MegaMain B_00045 Acrolein_B_00003 MV-Gas B_00088		

den\_msvoa\_totalbacklog Gabe 4/9/2021 2:51:42 PM Assigned to: Seifert, Judy L

Sample	Client Sample ID	Container	Method	Analytical Method	Hold Time	Due	PM	State Code	Storage	Hazard Level
280-146845-33	VIC-G-164CW	X	8260B	8260B	04/12 23:59	04/12/21	MAJ	TX	207 & VS-11	Unconfirmed
M TXTRRP_Std Spike+8260 Supp Spike+Spoke Pentachloroethane										
280-146845-33	VIC-G-164CW	X	8260B	8260B	04/12 23:59	04/12/21	MAJ	TX	207 & VS-11	Unconfirmed
M TXTRRP										
280-146845-35	VIC-G-164DW	X	8260B	8260B	04/12 23:59	04/12/21	MAJ	TX	207 & VS-11	Unconfirmed
M TXTRRP_Std Spike+8260 Supp Spike+Spoke Pentachloroethane										
280-146845-35	VIC-G-164DW	X	8260B	8260B	04/12 23:59	04/12/21	MAJ	TX	207 & VS-11	Unconfirmed
M TXTRRP										
280-146845-37	VIC-G-165CW	X	8260B	8260B	04/12 23:59	04/12/21	MAJ	TX	VS-11 & 207	Unconfirmed
M TXTRRP_Std Spike+8260 Supp Spike+Spoke Pentachloroethane										
280-146845-37	VIC-G-165CW	X	8260B	8260B	04/12 23:59	04/12/21	MAJ	TX	VS-11 & 207	Unconfirmed
M TXTRRP										
280-146845-39	VIC-G-165DW	X	8260B	8260B	04/12 23:59	04/12/21	MAJ	TX	207 & VS-11	Unconfirmed
M TXTRRP_Std Spike+8260 Supp Spike+Spoke Pentachloroethane										
280-146845-39	VIC-G-165DW	X	8260B	8260B	04/12 23:59	04/12/21	MAJ	TX	207 & VS-11	Unconfirmed
M TXTRRP										
280-146845-39MS	VIC-G-165DW	X	8260B	8260B	04/12 23:59	04/12/21	MAJ	TX	207 & VS-11	Unconfirmed
M TXTRRP_Std Spike+8260 Supp Spike+Spoke Pentachloroethane										
280-146845-39MS	VIC-G-165DW	X	8260B	8260B	04/12 23:59	04/12/21	MAJ	TX	207 & VS-11	Unconfirmed

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Batch Number: 522238 Batch Start Date: 12/30/20 19:36 Batch Analyst: Sumichrast, Ryan J

Batch Method: 8260B Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	mv-Cent BFB 00002	mv-IS_SS 00013	MV-Supp A 00047	MV-Supp B 00029
BFB 280-522238/1		8260B		2 uL	2 uL	5 uL			
IC 280-522238/14		8260B		5 mL	5 mL		5 uL	200 uL	
IC 280-522238/15		8260B		5 mL	5 mL		5 uL	100 uL	
IC 280-522238/16		8260B		5 mL	5 mL		5 uL	75 uL	
IC 280-522238/17		8260B		5 mL	5 mL		5 uL	50 uL	
IC 280-522238/18		8260B		5 mL	5 mL		5 uL	10 uL	
IC 280-522238/19		8260B		5 mL	5 mL		5 uL	5 uL	
IC 280-522238/20		8260B		5 mL	5 mL		5 uL	2 uL	
IC 280-522238/21		8260B		5 mL	5 mL		5 uL	1 uL	
ICV 280-522238/22		8260B		5 mL	5 mL		5 uL		50 uL

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Batch Number: 527052 Batch Start Date: 02/23/21 10:08 Batch Analyst: Seifert, Judy L

Batch Method: 8260B Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	mv-Cent BFB 00003	mv-Cent IS 00006	MV-Gas A 00081	mv-IS_SS 00010
BFB 280-527052/1		8260B		2 uL	2 uL	2 uL			
STD005 280-527052/13 IC		8260B		5 mL	5 mL			0.1 uL	5 uL
STD010 280-527052/14 IC		8260B		5 mL	5 mL			0.2 uL	5 uL
STD020 280-527052/15 IC		8260B		5 mL	5 mL			0.4 uL	5 uL
STD050 280-527052/16 IC		8260B		5 mL	5 mL			1 uL	5 uL
STD10 280-527052/17 IC		8260B		5 mL	5 mL			2 uL	5 uL
ICIS 280-527052/18		8260B		5 mL	5 mL			10 uL	5 uL
STD75 280-527052/19 IC		8260B		5 mL	5 mL			15 uL	5 uL
STD100 280-527052/20 IC		8260B		5 mL	5 mL			20 uL	5 uL
STD200 280-527052/21 IC		8260B		5 mL	5 mL			40 uL	5 uL
ICV 280-527052/31		8260B		5 mL	5 mL		5 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV-MegaMainA 00046	MV-Supp B 00031				
BFB 280-527052/1		8260B							
STD005 280-527052/13 IC		8260B		0.25 uL					
STD010 280-527052/14 IC		8260B		0.5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Batch Number: 527052 Batch Start Date: 02/23/21 10:08 Batch Analyst: Seifert, Judy L

Batch Method: 8260B Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV-MegaMainA 00046	MV-Supp B 00031				
STD020 280-527052/15 IC		8260B		1 uL					
STD050 280-527052/16 IC		8260B		2.5 uL					
STD10 280-527052/17 IC		8260B		5 uL					
ICIS 280-527052/18		8260B		25 uL					
STD75 280-527052/19 IC		8260B		37.5 uL					
STD100 280-527052/20 IC		8260B		50 uL					
STD200 280-527052/21 IC		8260B		100 uL					
ICV 280-527052/31		8260B			50 uL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Batch Number: 531788 Batch Start Date: 04/07/21 16:45 Batch Analyst: Sumichrast, Ryan J

Batch Method: 8260B Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	mv-Cent BFB 00003	MV-Gas A 00085	mv-IS_SS 00017	MV-MegaMainA 00047
BFB 280-531788/1		8260B		2 uL	2 uL	5 uL			
IC 280-531788/13		8260B		5 mL	5 mL		40 uL	5 uL	100 uL
IC 280-531788/14		8260B		5 mL	5 mL		20 uL	5 uL	50 uL
IC 280-531788/15		8260B		5 mL	5 mL		15 uL	5 uL	37.5 uL
ICIS 280-531788/16		8260B		5 mL	5 mL		10 uL	5 uL	25 uL
IC 280-531788/17		8260B		5 mL	5 mL		2 uL	5 uL	5 uL
IC 280-531788/18		8260B		5 mL	5 mL		1 uL	5 uL	2.5 uL
IC 280-531788/19		8260B		5 mL	5 mL		0.4 uL	5 uL	1 uL
IC 280-531788/20		8260B		5 mL	5 mL		0.2 uL	5 uL	0.5 uL
IC 280-531788/21		8260B		5 mL	5 mL		0.1 uL	5 uL	0.25 uL

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Batch Number: 531946 Batch Start Date: 04/09/21 05:57 Batch Analyst: Wickham, Tom A

Batch Method: 8260B Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Acrolein_B 00003	mv-Cent BFB 00003	MV-Gas B 00088	mv-IS_SS 00017
BFB 280-531946/1		8260B		2 uL	2 uL		5 uL		
ICV 280-531946/28		8260B		5 mL	5 mL	25 uL		10 uL	5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV-MegaMain B 00045					
BFB 280-531946/1		8260B							
ICV 280-531946/28		8260B		25 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Batch Number: 531966 Batch Start Date: 04/09/21 09:01 Batch Analyst: Seifert, Judy L

Batch Method: 8260B Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Acrolein_B 00003	mv-Cent BFB 00003	mv-Cent IS 00006	MV-Gas A 00085
BFB 280-531966/1		8260B		2 uL	2 uL		2 uL		
STD005 280-531966/17 IC		8260B		5 mL	5 mL				0.1 uL
STD010 280-531966/18 IC		8260B		5 mL	5 mL				0.2 uL
STD020 280-531966/19 IC		8260B		5 mL	5 mL				0.4 uL
STD050 280-531966/20 IC		8260B		5 mL	5 mL				1 uL
STD10 280-531966/21 IC		8260B		5 mL	5 mL				2 uL
ICIS 280-531966/22		8260B		5 mL	5 mL				10 uL
STD75 280-531966/23 IC		8260B		5 mL	5 mL				15 uL
STD100 280-531966/24 IC		8260B		5 mL	5 mL				20 uL
STD200 280-531966/25 IC		8260B		5 mL	5 mL				40 uL
ICV 280-531966/26		8260B		5 mL	5 mL				
ICV 280-531966/27		8260B		5 mL	5 mL	25 uL		5 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV-Gas B 00088	mv-IS_SS 00018	MV-MegaMain B 00045	MV-MegaMainA 00046		
BFB 280-531966/1		8260B							
STD005 280-531966/17 IC		8260B			5 uL		0.25 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Batch Number: 531966 Batch Start Date: 04/09/21 09:01 Batch Analyst: Seifert, Judy L

Batch Method: 8260B Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV-Gas B 00088	mv-IS_SS 00018	MV-MegaMain B 00045	MV-MegaMainA 00046		
STD010 280-531966/18 IC		8260B			5 uL		0.5 uL		
STD020 280-531966/19 IC		8260B			5 uL		1 uL		
STD050 280-531966/20 IC		8260B			5 uL		2.5 uL		
STD10 280-531966/21 IC		8260B			5 uL		5 uL		
ICIS 280-531966/22		8260B			5 uL		25 uL		
STD75 280-531966/23 IC		8260B			5 uL		37.5 uL		
STD100 280-531966/24 IC		8260B			5 uL		50 uL		
STD200 280-531966/25 IC		8260B			5 uL		100 uL		
ICV 280-531966/26		8260B			5 uL	25 uL			
ICV 280-531966/27		8260B		10 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Batch Number: 532734 Batch Start Date: 04/16/21 07:50 Batch Analyst: Wickham, Tom A

Batch Method: 8260B Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	mv-Cent BFB 00003	MV-Gas A 00085	mv-IS_SS 00017	MV-MegaMainA 00048
BFB 280-532734/1		8260B		2 uL	2 uL	5 uL			
CCV 280-532734/2		8260B		5 mL	5 mL		10 uL	5 uL	25 uL
LCS 280-532734/5		8260B		5 mL	5 mL		5 uL	5 uL	12.5 uL
LCS 280-532734/6		8260B		5 mL	5 mL		5 uL	5 uL	12.5 uL
MB 280-532734/10		8260B		5 mL	5 mL			5 uL	
280-147236-A-1	F0069-TB02	8260B	T	5 mL	5 mL			5 uL	
280-147236-C-2	F0069-EB02	8260B	T	5 mL	5 mL			5 uL	

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Batch Number: 533108 Batch Start Date: 04/19/21 18:30 Batch Analyst: Sumichrast, Ryan J

Batch Method: 8260B Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MV-Gas A 00085	MV-Gas B 00089	mv-IS_SS 00017	MV-MegaMain B 00045
IC 280-533108/14		8260B		5 mL	5 mL	40 uL		5 uL	
IC 280-533108/17		8260B		5 mL	5 mL	20 uL		5 uL	
IC 280-533108/18		8260B		5 mL	5 mL	15 uL		5 uL	
ICIS 280-533108/19		8260B		5 mL	5 mL	10 uL		5 uL	
IC 280-533108/20		8260B		5 mL	5 mL	2 uL		5 uL	
IC 280-533108/21		8260B		5 mL	5 mL	1 uL		5 uL	
IC 280-533108/22		8260B		5 mL	5 mL	0.4 uL		5 uL	
IC 280-533108/23		8260B		5 mL	5 mL	0.2 uL		5 uL	
IC 280-533108/24		8260B		5 mL	5 mL	0.1 uL		5 uL	
ICV 280-533108/25		8260B		5 mL	5 mL		10 uL	5 uL	25 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV-MegaMainA 00048					
IC 280-533108/14		8260B		100 uL					
IC 280-533108/17		8260B		50 uL					
IC 280-533108/18		8260B		37.5 uL					
ICIS 280-533108/19		8260B		25 uL					
IC 280-533108/20		8260B		5 uL					
IC 280-533108/21		8260B		2.5 uL					
IC 280-533108/22		8260B		1 uL					
IC 280-533108/23		8260B		0.5 uL					
IC 280-533108/24		8260B		0.25 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Batch Number: 533108 Batch Start Date: 04/19/21 18:30 Batch Analyst: Sumichrast, Ryan J

Batch Method: 8260B Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	MV-MegaMainA 00048					
ICV 280-533108/25		8260B							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Batch Number: 533147 Batch Start Date: 04/20/21 08:21 Batch Analyst: Wickham, Tom A

Batch Method: 8260B Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	mv-Cent BFB 00003	MV-Gas A 00085	mv-IS_SS 00017	MV-MegaMainA 00048
BFB 280-533147/1		8260B		2 uL	2 uL	5 uL			
CCV 280-533147/2		8260B		5 mL	5 mL		10 uL	5 uL	25 uL
LCS 280-533147/5		8260B		5 mL	5 mL		5 uL	5 uL	12.5 uL
LCS 280-533147/6		8260B		5 mL	5 mL		5 uL	5 uL	12.5 uL
MB 280-533147/10		8260B		5 mL	5 mL			5 uL	
280-147236-B-3	F0069-GW-MW2	8260B	T	5 mL	5 mL			5 uL	

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Batch Number: 533423 Batch Start Date: 04/21/21 20:56 Batch Analyst: Petunin, Peter

Batch Method: 8260B Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Acrolein_B 00003	mv-Cent BFB 00003	MV-Gas A 00085	MV-Gas B 00089
BFB 280-533423/1		8260B		2 uL	2 uL		2 uL		
CCV 280-533423/2		8260B		5 mL	5 mL			10 uL	
LCS 280-533423/4		8260B		5 mL	5 mL	12.5 uL			5 uL
LCS 280-533423/5		8260B		5 mL	5 mL	12.5 uL			5 uL
MB 280-533423/9		8260B		5 mL	5 mL				
280-147236-B-4	F0069-GW-MW10	8260B	T	5 mL	5 mL				
280-147236-B-5	F0069-GW-MW14	8260B	T	5 mL	5 mL				
280-147236-B-6	F0069-GW-MW14-DU P	8260B	T	5 mL	5 mL				
280-147236-B-7	F0069-GW-MW7	8260B	T	5 mL	5 mL				
280-147236-B-7 MS	F0069-GW-MW7	8260B	T	5 mL	5 mL			10 uL	
280-147236-B-7 MSD	F0069-GW-MW7	8260B	T	5 mL	5 mL			10 uL	
280-147236-B-8	F0069-GW-MW6	8260B	T	5 mL	5 mL				
280-147236-B-9	F0069-GW-MW4	8260B	T	5 mL	5 mL				
280-147236-A-10	F0069-GW-MW1	8260B	T	5 mL	5 mL				
280-147236-B-11	F0069-GW-DW1	8260B	T	5 mL	5 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	mv-IS_SS 00018	MV-MegaMain B 00045	MV-MegaMainA 00046			
BFB 280-533423/1		8260B							
CCV 280-533423/2		8260B		5 uL		25 uL			
LCS 280-533423/4		8260B		5 uL	12.5 uL				
LCS 280-533423/5		8260B		5 uL	12.5 uL				
MB 280-533423/9		8260B		5 uL					
280-147236-B-4	F0069-GW-MW10	8260B	T	5 uL					
280-147236-B-5	F0069-GW-MW14	8260B	T	5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Denver Job No.: 280-147236-1

SDG No.: \_\_\_\_\_

Batch Number: 533423 Batch Start Date: 04/21/21 20:56 Batch Analyst: Petunin, Peter

Batch Method: 8260B Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	mv-IS_SS 00018	MV-MegaMain B 00045	MV-MegaMainA 00046			
280-147236-B-6	F0069-GW-MW14-DUP	8260B	T	5 uL					
280-147236-B-7	F0069-GW-MW7	8260B	T	5 uL					
280-147236-B-7 MS	F0069-GW-MW7	8260B	T	5 uL		25 uL			
280-147236-B-7 MSD	F0069-GW-MW7	8260B	T	5 uL		25 uL			
280-147236-B-8	F0069-GW-MW6	8260B	T	5 uL					
280-147236-B-9	F0069-GW-MW4	8260B	T	5 uL					
280-147236-A-10	F0069-GW-MW1	8260B	T	5 uL					
280-147236-B-11	F0069-GW-DW1	8260B	T	5 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# Shipping and Receiving Documents

**Chain of Custody Record**

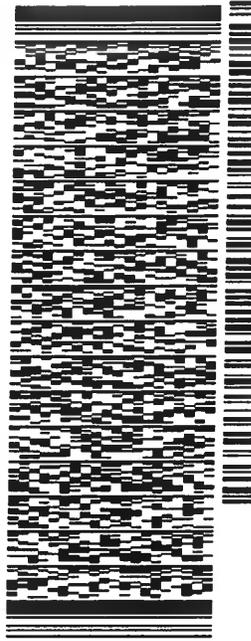
<b>Client Information</b>		Lab PM: Bieniliulis, Dylan T		Carrier Tracking No(s): 7733 2394 5843		COA No: F0069-002	
Client Contact: Paul Kieler		E-Mail: Dylan.Bieniliulis@Eurofinset.com		State of Origin: TX		Page: 1 of 1	
Company: Toeroek Associates, Inc		PWSID		Analysis Requested		Job #: F0069 Arkesed	
Address: 300 Union Blvd Suite 520		Due Date Requested:		Analysis Requested		Preservation Codes:	
City: Lakewood		TAT Requested (days): PELMSA		Analysis Requested		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 X - Other (specify)	
State, Zip: CO, 80228		Compliance Project: Yes No		Analysis Requested		Other:	
Phone: 303-407-0266(Tel)		Purchase Order Requested		Analysis Requested		Total Number of Containers	
Email: pkieler@toeroek.com		WO #		Analysis Requested		Special Instructions/Note:	
Project Name: Detrex		Project # 28021861		Analysis Requested		280-147236 Chain of Custody	
Site:		SSOW#		Analysis Requested		Barcode	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
F0069-TROZ		04/08/21		842		G	
F0069-EB02		04/08/21		859		G	
F0069-GW-MW2		04/08/21		940		G	
F0069-GW-MW10		04/08/21		950		G	
F0069-GW-MW14		04/08/21		1110		G	
F0069-GW-MW14-DUP		04/08/21		1110		G	
F0069-GW-MW7		04/08/21		1136		G	
F0069-GW-MW6		04/08/21		1250		G	
F0069-GW-MW4		04/08/21		1426		G	
F0069-GW-MW7		04/08/21		1419		G	
F0069-GW-DW1		04/08/21		1544		G	
Possible Hazard Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Deliverable Requested I, II, III, IV, Other (specify)		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Empty Kit Relinquished by		Date		Date		Date	
Relinquished by: [Signature]		4/8/21		1637		Company	
Relinquished by:		Date/Time		Date/Time		Date/Time	
Relinquished by:		Date/Time		Date/Time		Date/Time	
Custody Seal No		Date/Time		Date/Time		Date/Time	
F0069-002A / F0069-002B		4/8/21 1637		1637		Company	
Custody Seals Intact		Date/Time		Date/Time		Date/Time	
Yes No		Date/Time		Date/Time		Date/Time	
F0069-002A / F0069-002B		4/8/21 1637		1637		Company	
Cooler Temperature(s) °C and Other Remarks		Date/Time		Date/Time		Date/Time	
4°C CF70.4C I70#9		4/8/21 1637		1637		Company	
Received by: [Signature]		Date/Time		Date/Time		Date/Time	
Received by:		Date/Time		Date/Time		Date/Time	
Received by:		Date/Time		Date/Time		Date/Time	
Method of Shipment		Date/Time		Date/Time		Date/Time	
Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months		Date/Time		Date/Time		Date/Time	
Special Instructions/QC Requirements		Date/Time		Date/Time		Date/Time	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Date/Time		Date/Time		Date/Time	
Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months		Date/Time		Date/Time		Date/Time	

ORIGIN ID:FMHA (720) 898-4103  
 GUEST - PAUL KIELER  
 COURTYARD DALLAS ARLINGTON/ENTERTAI  
 1500 NO. LAN RYAN EXPRESSWAY  
 SUITE 520  
 ARLINGTON, TX 76011  
 UNITED STATES US

SHIP DATE: 31MAR21  
 ACTWGT: 10.00 LB  
 CAD: 111127923INNET4340  
 DIMS: 12x18x14 IN  
 BILL SENDER

TO DYLAN BIENLILIS  
 EUROFINS ENVIRONMENT LABORATORY  
 4955 YARROW STREET

ARVADA CO 80002  
 (303) 736-0100 REF: F0069 DETREX  
 INV/ PO DEPT



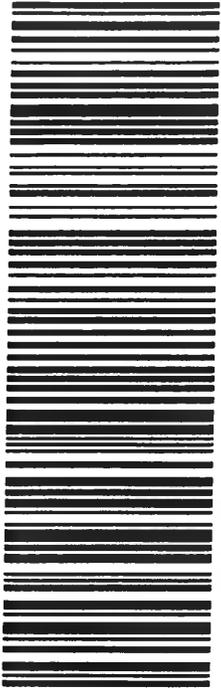
56D,25EF2/FE4A

TRK# 7733 2394 5243  
 0201

THU - 01 APR 8:00A  
 FIRST OVERNIGHT

N1 LAAA

80002  
 CO-US DEN



**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.  
 Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



280-147236 Waybill

# Login Sample Receipt Checklist

Client: Toeroek Associates, Inc

Job Number: 280-147236-1

**Login Number: 147236**

**List Source: Eurofins TestAmerica, Denver**

**List Number: 1**

**Creator: Wing, Leia V**

<b>Question</b>	<b>Answer</b>	<b>Comment</b>
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	